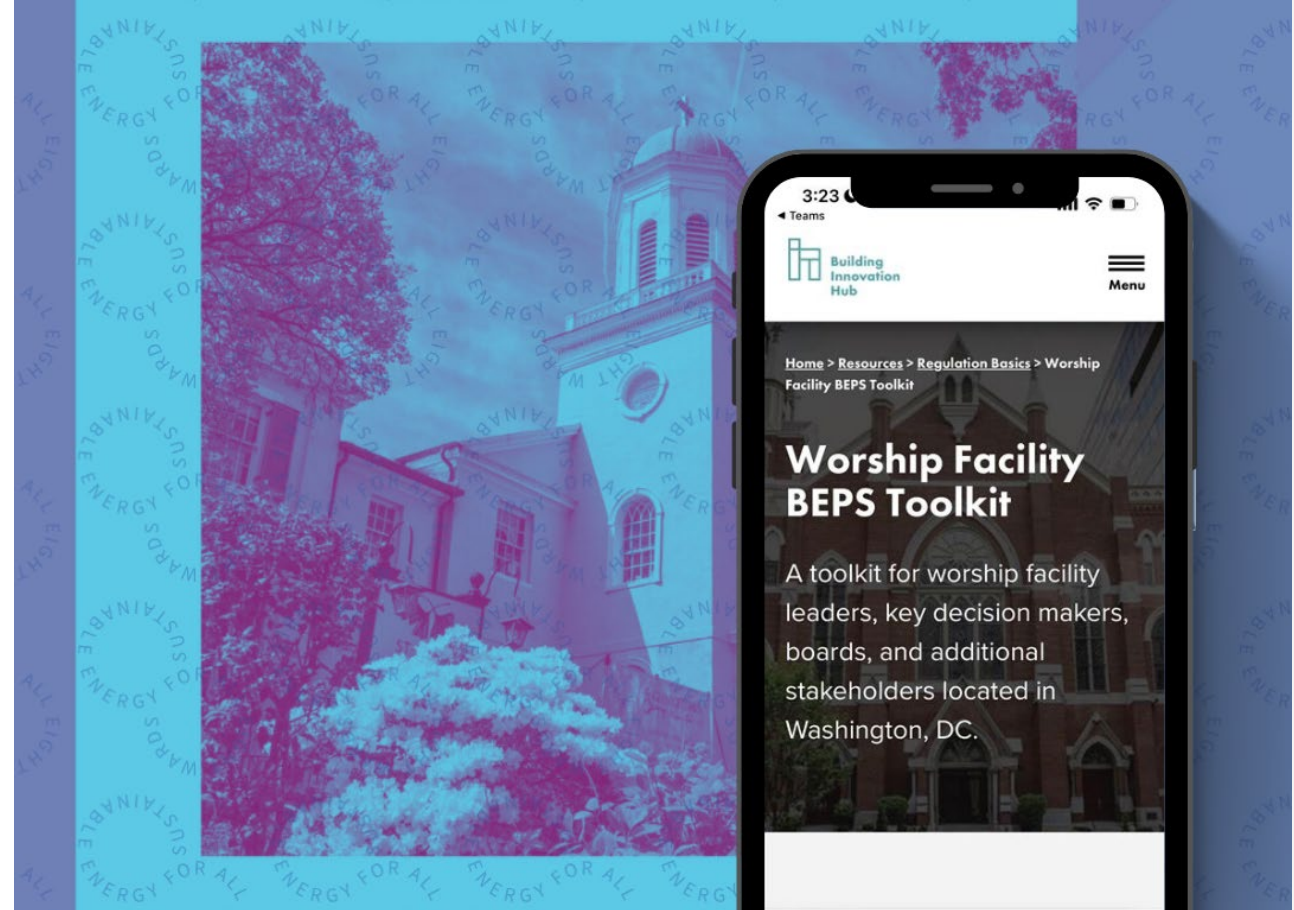


As you join, please remain on mute and consider taking our welcome poll.

FY 2025 Worship Facility BEPS Toolkit Webinar



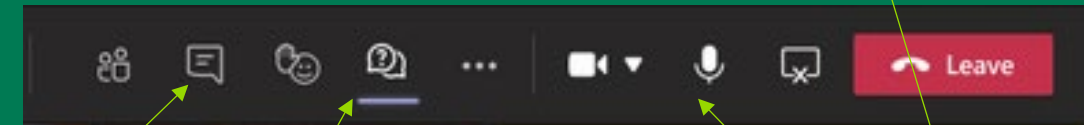
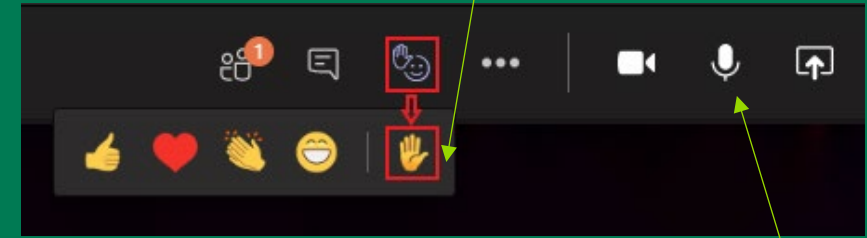
Thanks for joining us

Take our welcome poll

Session Expectations

- Please note that there will be polls throughout today's session. All responses unless otherwise noted are anonymous.
- There will be one Q&A section where discussion is open for 15 mins.
- Please let us know in the chat section if you are having technical difficulties or difficulty hearing the presentation.
- To submit a question, please use the chat/Q&A to write out your question or use the 'raise hand' feature (see photo). Once your hand is raised the moderator will call on you to come off mute to give an auditory response
- The webinar will be posted on the DCSEU website for anyone wanting to review the information discussed today.
- We will pause recording during the Q&A sections.
- If we are not able to get to all questions, please post them to the chat and we will work to get back to you.

Raising Your Hand

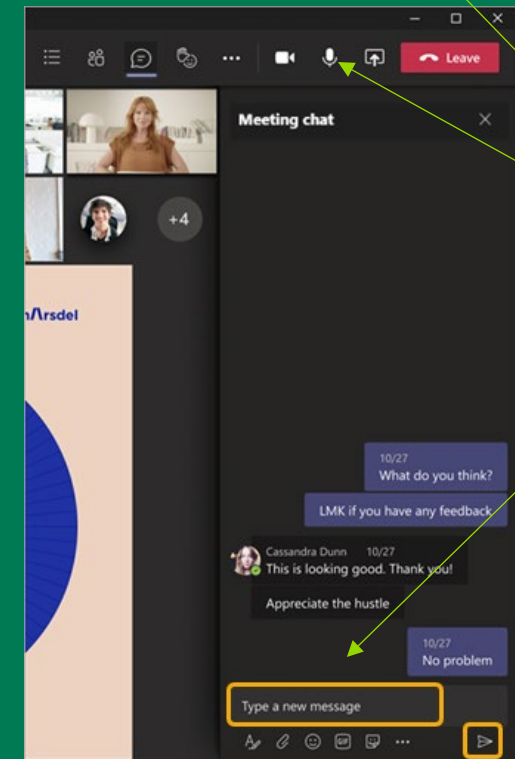
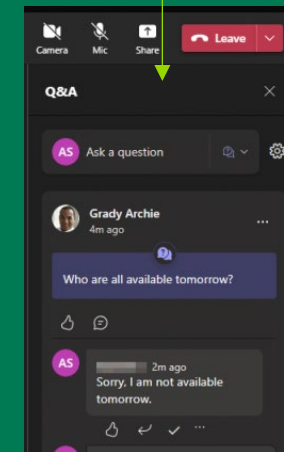


Using Chat

Using Q&A

Mute Button

Using Chat



Ben Burdick

Managing Director, DCSEU



Patti Boyd

Director, Technology and Innovation



Agenda

Welcome & Introduction

- Ben Burdick, Interim Managing Director, DCSEU
- Session Overview
 - Patti Boyd, Director of Technology and Innovation

Building Innovation Hub

- Yolanda Bonner, Associate Director of Building Performance
 - Policy Update
 - Theresa Backhus, Director, Building Innovation Hub
 - Toolkit walkthrough
 - Worship facility case study
 - Mary Thomas, Associate Director, Building Innovation Hub

Q&A

The DCSEU & Houses of Worship

- Crystal McDonald, Director, Account Management & Workforce Development

Yolanda Bonner

Associate Director of Building Performance





**Building
Innovation
Hub**



IMT
INSTITUTE
FOR MARKET
TRANSFORMATION

Worship Facility BEPS Toolkit

Helping buildings in the District of Columbia

September 11, 2025

Our team



Theresa Backus
Director,
Building Innovation
Hub



Mary Thomas
c



Yolanda Bonner
Associate Director
Building Performance,
Building Innovation
Hub



About us

The Building Innovation Hub, a project of IMT, helps building industry professionals in and around Washington, DC create and operate high-performing buildings.

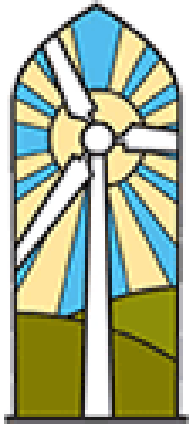
The Hub connects professionals and provides information and programming.

The goal of the Hub is to meet the current needs of the building industry while simultaneously pushing the industry towards the innovative solutions that we will need to build and operate high-performing buildings.

A program of the Institute for Market Transformation



Thank you to our partners!



**Interfaith
Power & Light**



Introduction to the Toolkit

Purpose, approach, and goals.

- DC Building Energy Performance Standards (BEPS) tips for Worship Facilities
- How to approach the BEPS in a way that's not overwhelming
- How to create a plan for your building
- Where you can find funding & financing options
- What to do if something goes wrong, if you need more help, or if you need additional time from the District
- Suggested language to use when hiring a contractor or consultant

Our companion PowerPoint deck has sample slides to share with your board and other stakeholders.

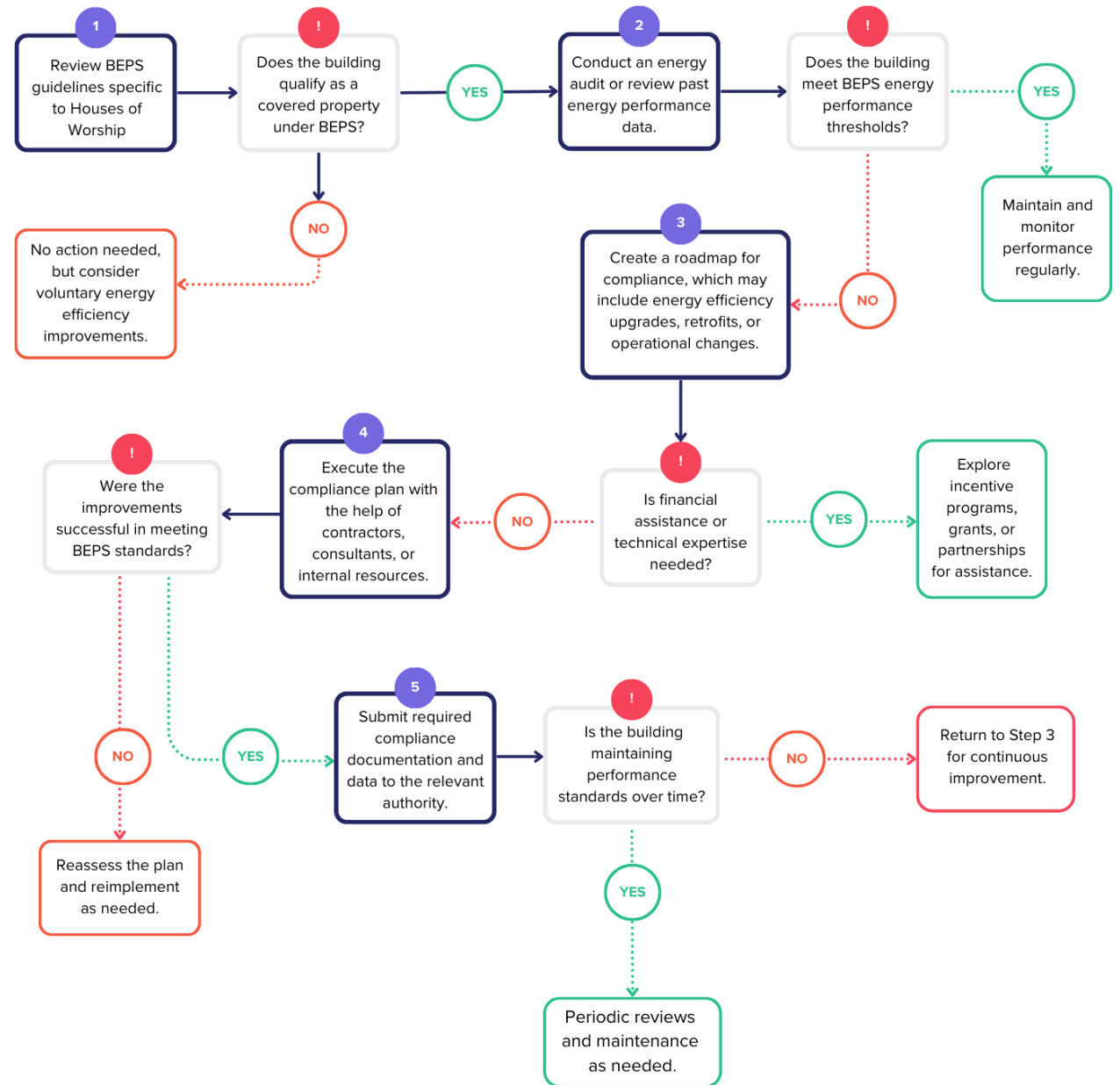


BEPS Compliance Planning flowchart

This [flowchart](#) can help you determine whether your building meets BEPS requirements.

If it doesn't, it provides the necessary steps to achieve compliance.

If it does, it highlights the importance of maintaining your performance to stay on track.



Introduction to the Toolkit

Navigating the BEPS process.

- The left side has valuable information on each specific topic, including links to find additional information.
- The right side has an Action Plan checklist that includes a place to enter the name of the person responsible for completing the checklist action and date it was completed.

SECTION 1: LEARN ABOUT BEPS

Learn About Benchmarking and Your Building(s)

50k+ sq. ft. worship facilities
10k+ sq. ft. worship facilities

Overview

Benchmarking and BEPS are separate requirements in the District, but they are related. Energy benchmarking is the process of measuring a building's energy performance and comparing it against peer buildings and its own past performance. Before you can determine your BEPS plan, you need to know about your building's energy performance and how to benchmark that data. This is the data that the District uses to determine whether your building already meets the BEPS or you need to enter a BEPS compliance cycle and possibly make improvements to the building.

Buildings are subject to [benchmarking](#) based on their [floor area](#).

If you are required to benchmark your building, you must track your energy and water use annually using [ENERGY STAR® Portfolio Manager](#) and report it to the Department of Energy and Environment (DOEE) by May 1 of each year. For information on how to set up the Portfolio Manager account for your building, reference [DOEE's Benchmarking FAQs](#) and [ENERGY STAR's FAQs](#).

STOP Ensure the contact information in the account is current and that the person listed is able to receive and respond to communications from DOEE. You may enter the building's data yourself, or you may hire an outside entity to manage the account.

Third-Party Benchmarking Requirement

Starting in 2027, buildings that are required to benchmark their energy use must also have the data verified by a third party. Although benchmarking is required annually, the verification of that data is required every six years (Note: The first deadline for third-party verification was in 2024). You can learn more about this requirement, and who can qualify as a Third-Party Data Verifier (cannot be the same entity described above who manages the Portfolio Manager account), on [DOEE's website](#). The Hub has also published a [blog](#) and [downloadable scope of work](#) to help navigate the process.

Benchmarking Action Plan Checklist

Name: _____ Date Completed: _____

See [Benchmarking Checklist](#) in Appendix for full action plan.

- Inform the board members, key decision makers, and stakeholders of the building's benchmarking status.
 - Are you required to benchmark?
 - Have you already benchmarked?
 - Do you have your ENERGY STAR score?
- Determine your [building's gross floor area](#) (see appendix for more information).
- Determine how to access the building's energy and water data.
- Create an [ENERGY STAR Portfolio Manager account](#) for the property.
- Gather the needed data, and link your [DC Real Property Unique ID](#) (this is usually your SSL/SSR).
- If individual attached units such as daycares and schools pay for electricity or gas use at the unit level, request aggregated whole-building data from [Pepco](#) and [Washington Gas](#), and connect the building's account to Pepco and Washington Gas systems.
- Enroll in DOEE's [automatic annual reporting](#), which will allow DOEE to automatically download property use details and energy and water data from your Portfolio Manager account so you don't have to manually submit your benchmark report each year.
- In years where verification is required, hire a [Third-Party Data Verifier](#), and grant ENERGY STAR Portfolio Manager account access to the third-party verifier.
- Ensure a verifier completes their review of the energy data and adds verification information to Portfolio Manager account access to the third-party verifier. If data needs to be corrected, follow the guidance in [DOEE's FAQs](#).
- On an annual basis, review/update property use details and upload calendar year utility data to ensure actual energy and water use information is correct by May 1 reporting deadline.

7

8



Who is the Toolkit for?

Target audience and key stakeholders.

- Worship Facilities Leadership
- Building Maintenance Staff
- Board Members & Senior Staff
- Worship Facility Key Decision Makers

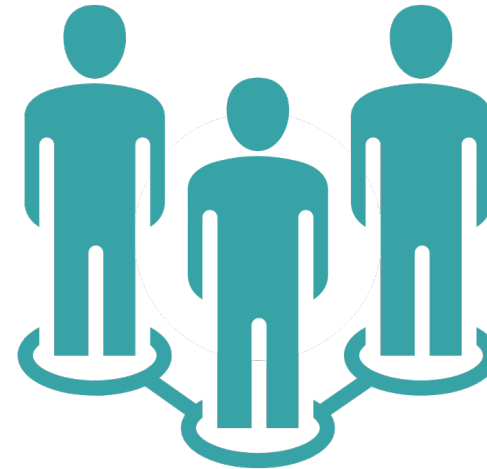
1 must meet the Building Energy Performance Standard (BEPS) Period 1 (which covers private buildings 50,000 square feet and up, including worship facilities).



2 must meet future BEPS compliance cycles, which cover private buildings 25,000 square feet and up, and ultimately 10,000 square feet and up, including worship facilities.



Look for these circles to determine whether a section applies to you.





Brief BEPS Overview

Snapshot of what you should already know.

What is Building Performance Standard (BEPS)?

The basic concept.

A BEPS set minimum thresholds for energy performance for existing buildings.

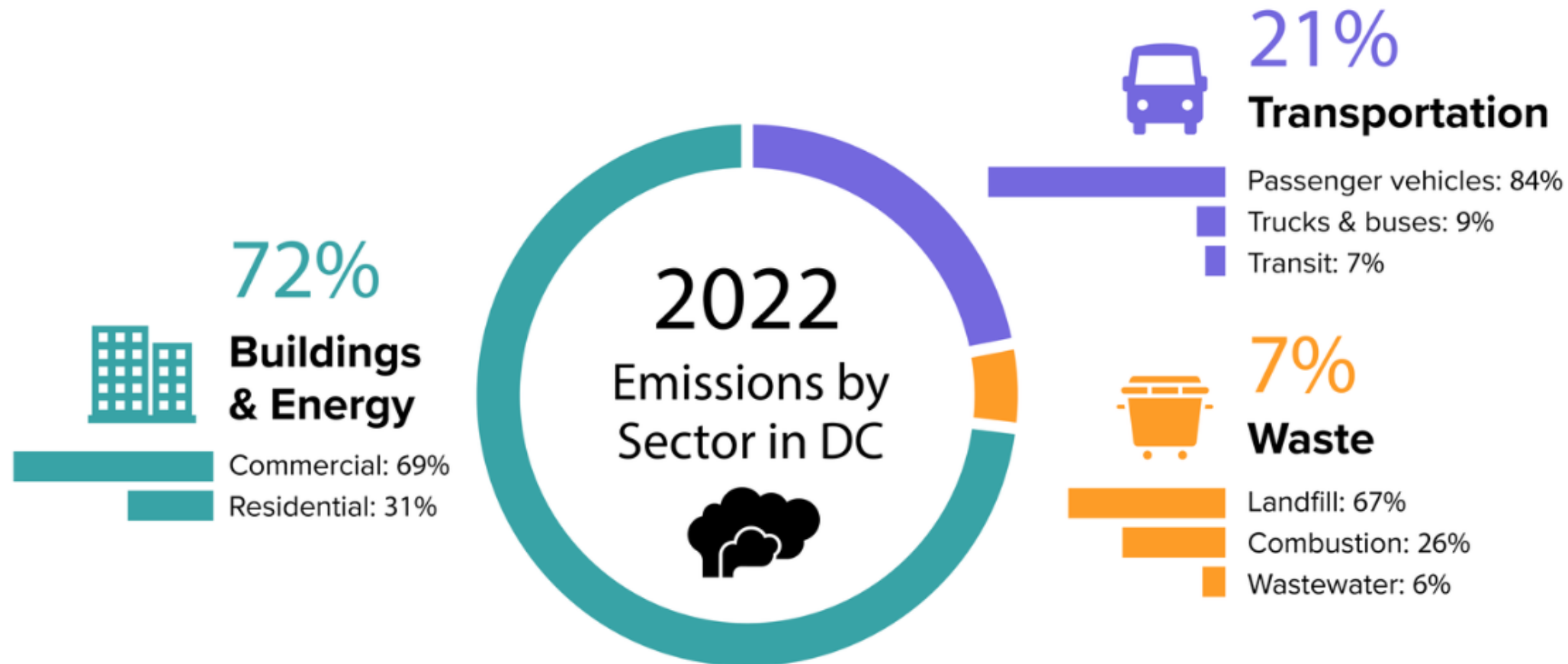
These standards are based on and measured against a building's demonstrated energy performance, as shown in their benchmarking data.

Metric is ENERGY STAR Score for eligible buildings; Source EUI otherwise



Linking to DC's goals

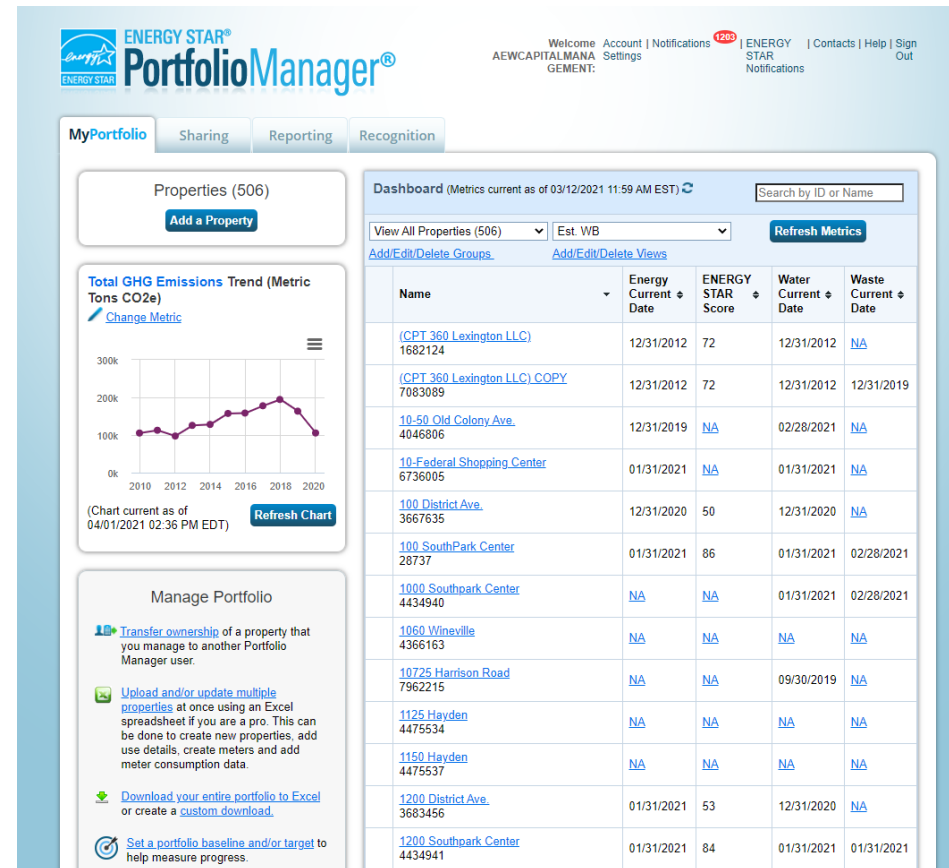
Tying to the District's climate goals.



Benchmarking

BEPS and Benchmarking Your Building(s)

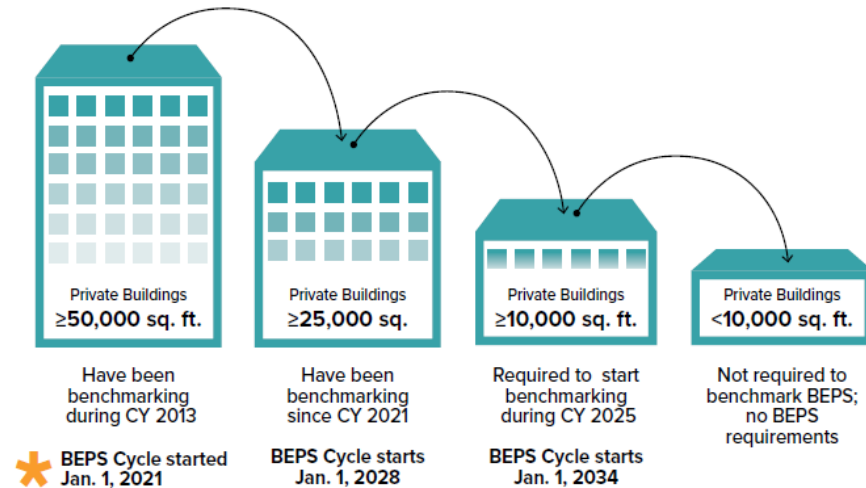
- Buildings are subject to benchmarking based on their floor area.
- If you are required to benchmark your building, you must track your energy and water use annually using ENERGY STAR® Portfolio Manager and report it to the Department of Energy and Environment (DOEE) by May 1 of each year.



Building Size Requirements

Learn About BEPS & Your Building(s)

- The first BEPS cycle applies to buildings over 50,000 square feet.
- Cycle 2 will expand to also apply to buildings 25,000 sq. ft. and greater.
- Cycle 3 will expand to include buildings 10,000 sq. ft. and greater.

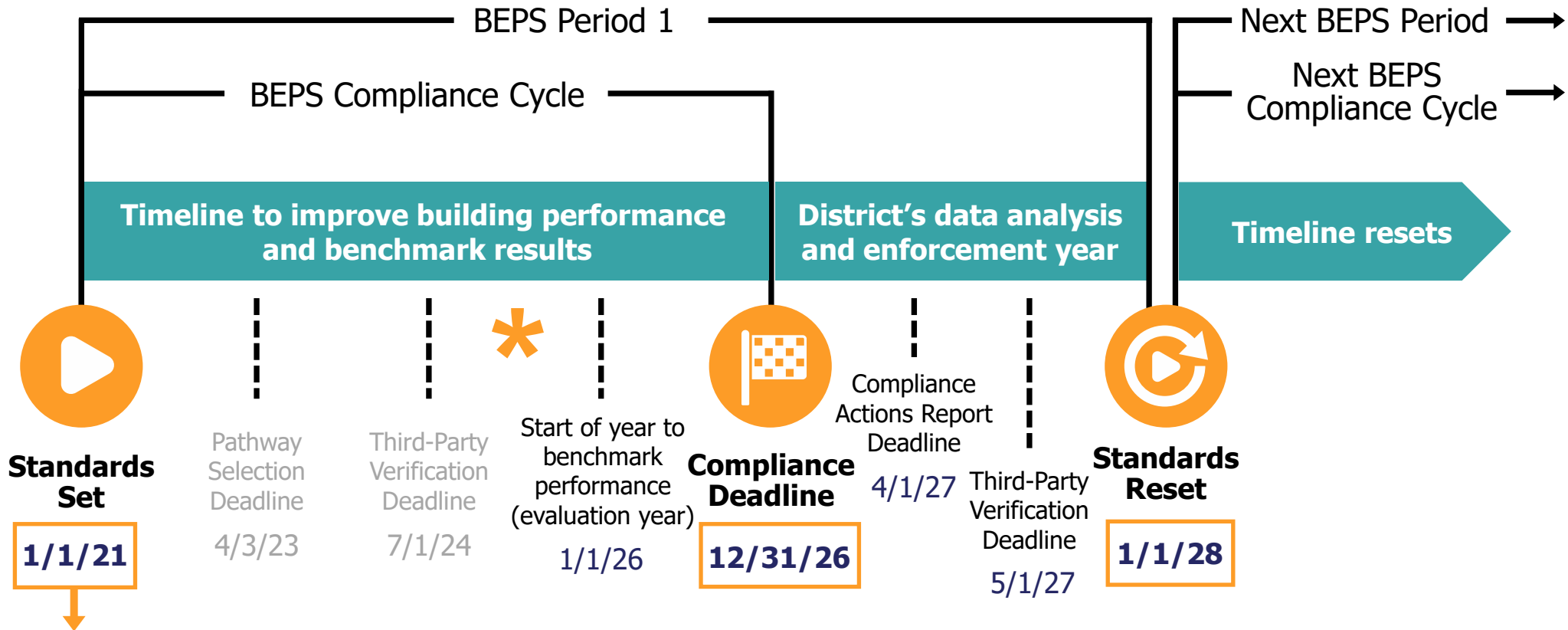


- Buildings that met the standard during the baseline year do not need to take any immediate action, but if they don't meet the next standard, they will want to prepare for that next deadline.
- For any buildings that do not meet the energy performance standards for their size and type, DOEE will provide a set amount of time to comply with the requirements. This is called a "compliance cycle."



Timeline

Snapshot Review of BEPS Cycle 1



Meet the Standard? No action required under BEPS 1. Plan for BEPS 2 NOW.
Do not meet the Standard? Must improve performance in the Compliance Cycle.

* Where we are NOW in the timeline.





How to use the Toolkit

Preparing for Compliance Success.

Stakeholders

Deciding who will manage the process.

- **Approvers**
 - Approving body that will review all proposed work, contracts, report results, funding/financing options, etc., and who will ultimately sign off on next steps.
- **BEPS Project Manager**
 - Responsible for the day-to-day management of the BEPS process and final BEPS submission.
- **Helpers**
 - Responsible for assisting the project manager with various BEPS-related tasks, such as creating or updating the ENERGY STAR Portfolio Manager account, collecting utility information, coordinating communications between residents.



Requirements

Understanding the BEPS standard you will need to meet.

- The BEPS standard for worship facilities for BEPS Cycle 1 is an ENERGY STAR score of 17, or a Source Energy Use Intensity (EUI) of 140.3 kBtu/ft² for rare multifamily buildings that do not qualify for an ENERGY STAR score.
- If your building has an ENERGY STAR score, your compliance is based on this number (17), not the Source EUI.

Status Checklist

Name: Date Completed:

Utilize the [BEPS Disclosure](#), [Energy Benchmarking Map](#), or [Building Owner Portal](#) to find your building's current energy performance. Or for more instructions, use the [guided tour](#) to assist you. This tells you if your building's energy performance meets or does not meet the BEPS.


Note what your building's compliance status is below:

Date:

Log your score information for future reference.

BEPS 1	ENERGY STAR Score	Source EUI
Multifamily Standard (includes Condo and Co-Ops)	66	110.7
My Building	<input type="text"/>	<input type="text"/>

Calculate the amount of energy your building will need to reduce to meet the ENERGY STAR score determined above by setting a target in the ENERGY STAR Portfolio Manager goals section. Utilize [this ENERGY STAR website](#) for instructions on how to set a target.



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Costs

Funding and financing opportunities.

- **Hub's** Funding & Financing Portal: a searchable database
- Connect with **DCSEU's account managers** to learn how to receive financial support from the rebate and incentives offerings and, additionally qualify for other programs they may be offering.
- **DC Green Bank:** Also offers special financing that may be relevant.



Energy measurement

Consider an energy audit.

- **What is an energy audit and why do I need it?** It will help you get a full understanding of how your building uses energy or what type of energy efficiency measures are needed to meet the BEPS.
- **What kind should I get?** ASHRAE Level II Energy Audit is recommended.
- **Doesn't it cost?** Yes it does, but consider how the benefits may outweigh the costs.



Communication

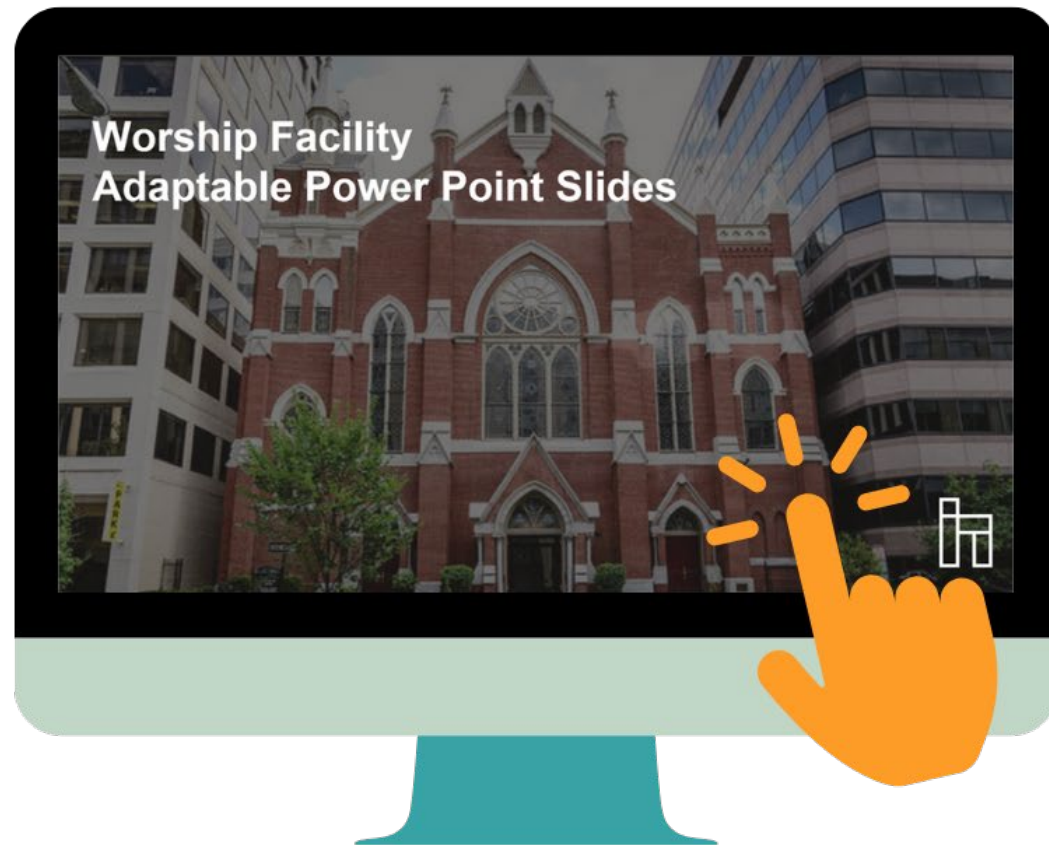
Talking with your board and members.

- **Effective communication approach:** Emphasize the importance of clear, consistent messaging to ensure engagement with the congregation throughout the process.
- **How to involve stakeholders:** Suggestions on how property managers and boards can involve the congregation in decision-making, such as through meetings, informational sessions, or newsletters.
- **Building buy-in:** How to address concerns, share benefits, and keep all parties informed about the steps and timelines involved.
- **Resources for communication:** How the toolkit helps create templates or frameworks for letters, FAQs, and community meetings.



Sample slides

Communication slide deck & overview.



What's in the slides

Communication slide deck & overview.

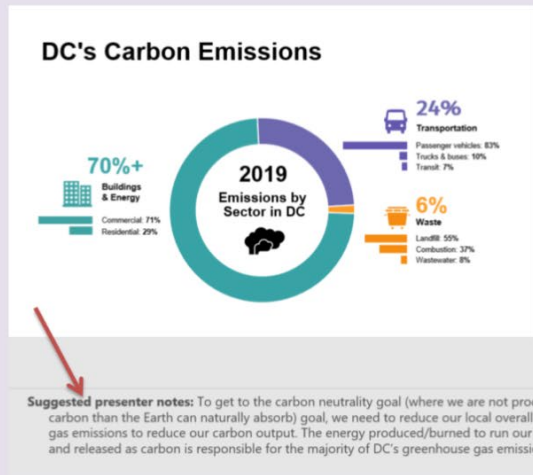
How to Use the Slides

The slides in Section 1 and beyond are intended for use by worship facility teams in working with their board and key decision makers. The notes section (below the slides) has key talking points and instructions for the presenter.

Note: Not all slides can be edited because some slides contain exact government language pertaining to BEPS.

By downloading these slides, you have agreed not to distribute content that alters the meaning of what the Hub has provided.

If you need assistance, contact info@buildinginnovationhub.org.



What's in the slides

Communication slide deck & overview.

Who Created the Slides

These slides were created by the [Building Innovation Hub](#) in partnership with the [DC Sustainable Energy Utility](#). Note that these slides do not guarantee compliance with the BEPS or other policies and regulations.



DCSEU offers rebates for buildings that your property might qualify for and has assistance available at their website: www.dcseu.com



The Building Innovation Hub helps building industry professionals in and around Washington, DC create and operate high-performing buildings. Contact us at info@buildinginnovationhub.org

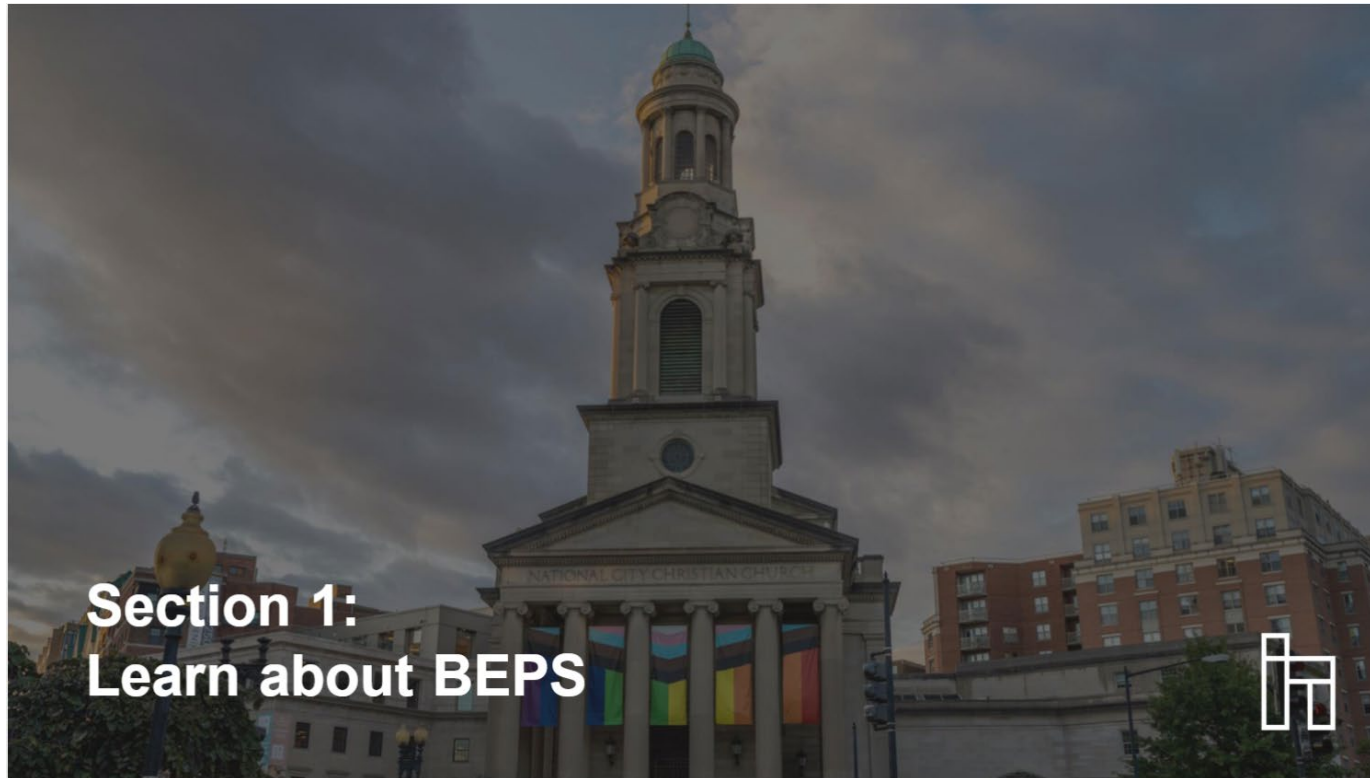


The Institute for Market Transformation (IMT) is a national nonprofit organization that manages the Building Innovation Hub. It strives to improve the efficiency and performance of the places we live, work, and learn. Learn more at www.imt.org.



What's in the slides

Communication slide deck & overview.







What's in the slides

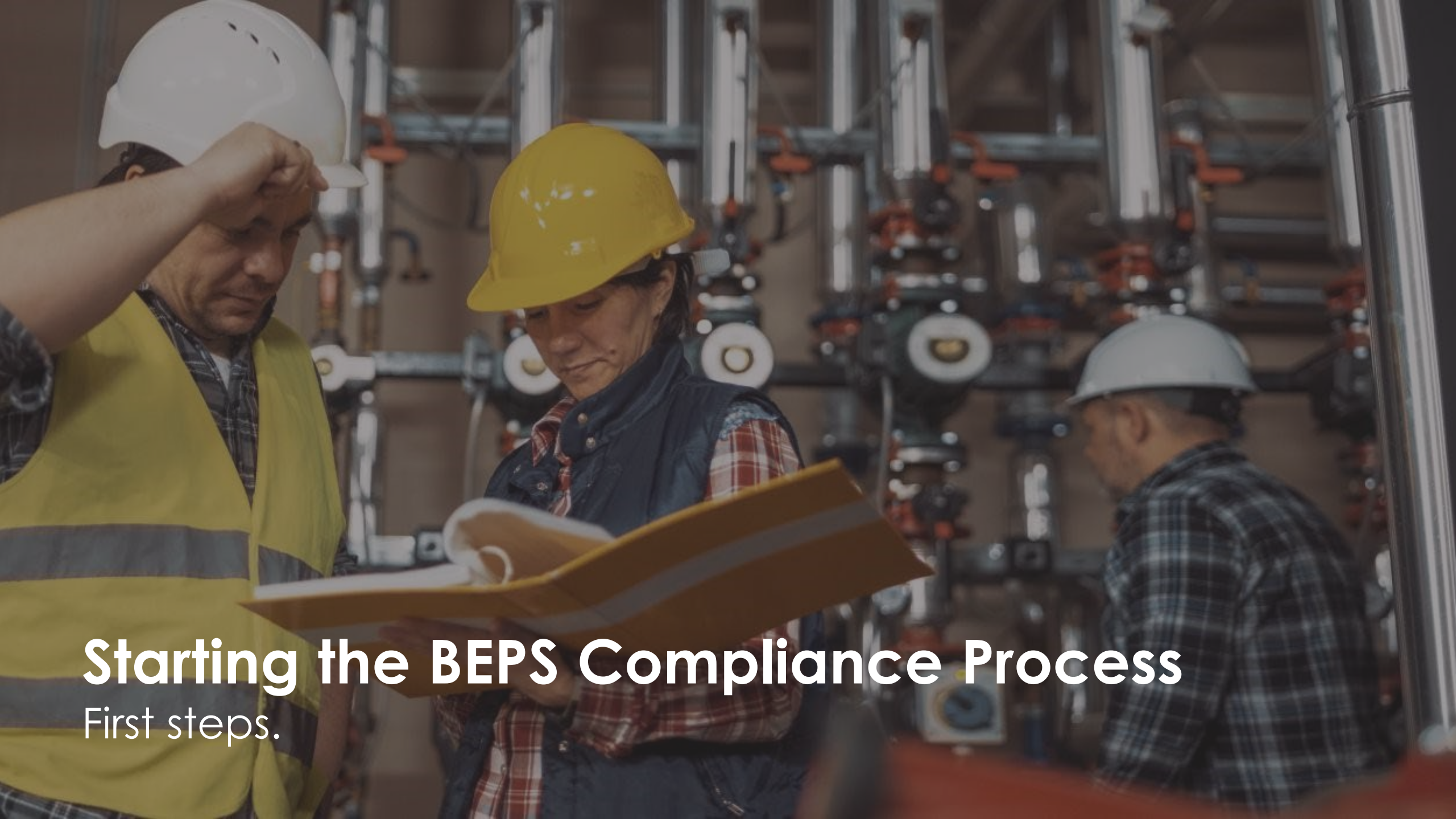
Communication slide deck & overview.

Agenda – Section 1: Learn About BEPS

Topics

-  **Overview**
Learn About BEPS
-  **Timeline**
BEPS Cycle 1 Process
-  **Benefits**
Benefits of BEPS
-  **BEPS and Your Building**





Starting the BEPS Compliance Process

First steps.

Data-based decisions

Review energy audit results.

- Executive summary
- Research summary
- Compliance Pathway recommendation
- Estimated energy and cost savings
- Ancillary (extra) benefits
- Available incentives (outside funding)
- Estimated energy efficiency measure costs
- Certified compliance with ASHRAE Standard 211
- Supporting documentation



Compliance pathways

Understand your options

Building owners have a variety of options for bringing their buildings into compliance, flexibility is built into the program.



Most Common Compliance Pathways

- **Performance Pathway:** This plan requires a Site Energy Use Intensity (EUI) reduction of at least 20 percent. The actions to achieve the 20 percent reduction for condos and co-ops are up to the boards.
- **Standard Target Pathway:** For worship facilities, this plan requires the building to reach an ENERGY STAR score of 17. The actions are up to the boards.



Lower energy use

Implement low-cost energy efficiency measures.

- **Create** door hangers, sticky note reminders, posters, or light switch covers to help occupants or employees remember to take action.
- **Hold** an energy fair, conduct an energy awareness event in the lobby, or offer building tours to give occupants a sneak peek at the inner workings of the building.
- **Give** incentives and recognition.
- Depending on savings levels, you may also consider **awarding** prizes for great energy saving ideas or to energy champions in the building.



Contractors to do the work

Find local vendors.

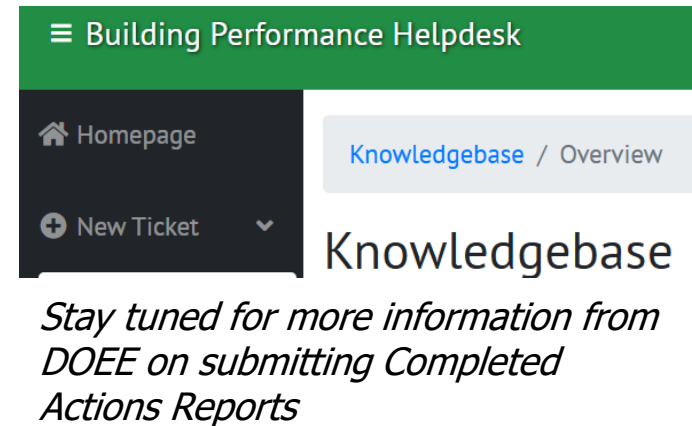
- The energy audit you completed will have a recommendation for energy reductions.
- Use this as a starting point to write a scope of work (SOW) for potential contractors to implement performance improvements.
- With the SOW, you can either reach out to your networks of contractors who usually maintain your building or create a request for proposals (RFP) for qualified vendors to bid on your project.
- Use the Hub's High-Road Contracting Toolkit to reach outside typical vendors, support the local workforce, and connect with small, minority-owned, and women-owned businesses.
- Submit a RFP to the Hub's Find-A-Vendor portal to be matched with a broader pool of experts.



Reporting

End of cycle reporting requirements.

- Completed Actions Reports due April 1, 2027
 - Include short survey of Energy Efficiency Measures (EEMs)
 - Cost of EEMs
 - Date of EEM implementation
 - Estimated site energy savings from EEMs
 - Submit via [DOEE BEPS Portal](#)
- Third-party verified benchmarking data due May 1, 2027
 - Submit via [ENERGY STAR Portfolio Manager](#)



Compliance challenges

Find help for tricky situations.

- How to change your building's Compliance Pathway
- How to request an extension if applicable
- How to request a delay of compliance
- What to do if you're fined
- What to do if you run out of funding/ have contractor bad experierencer bad experience





Case Study

A worship facility retrofit that prioritizes the congregation

Walker Memorial Baptist Church

Case study



Building Owner: Walker Memorial Baptist Church

Project Manager: ThinkBox Group

Building Type: House of Worship

Constructed: 1982 / **Retrofit:** 2024

Building Retrofit Project: lighting, HVAC, hot water, roofing and solar

Financing and Incentives: DCSEU, DC Green Bank, Renewable Energy Investment Tax Credit



Motivations

Strategic investments to benefit the community

// We want to spend less of our tithes and offerings on taking care of the building and use those funds toward serving the community through mission-oriented programs.

- Deacon Charles Ellis



Project scope

Renewable energy and efficiency improvements



- Repaired and resurfaced membrane roof
- Installed 68kW solar system
- Upgraded lighting
- Upgraded distributed HVAC system
- Decarbonized hot water system



Project financing and incentives

Help paying for upgrades.



**DISTRICT OF
COLUMBIA
SUSTAINABLE
ENERGY UTILITY**

DC Sustainable Energy Utility (DCSEU)

- Incentives for energy efficiency measures through the Income Qualified Efficiency Fund (IQEF).
- Incentive for solar through Solar Low-Income Track.



DC Green Bank

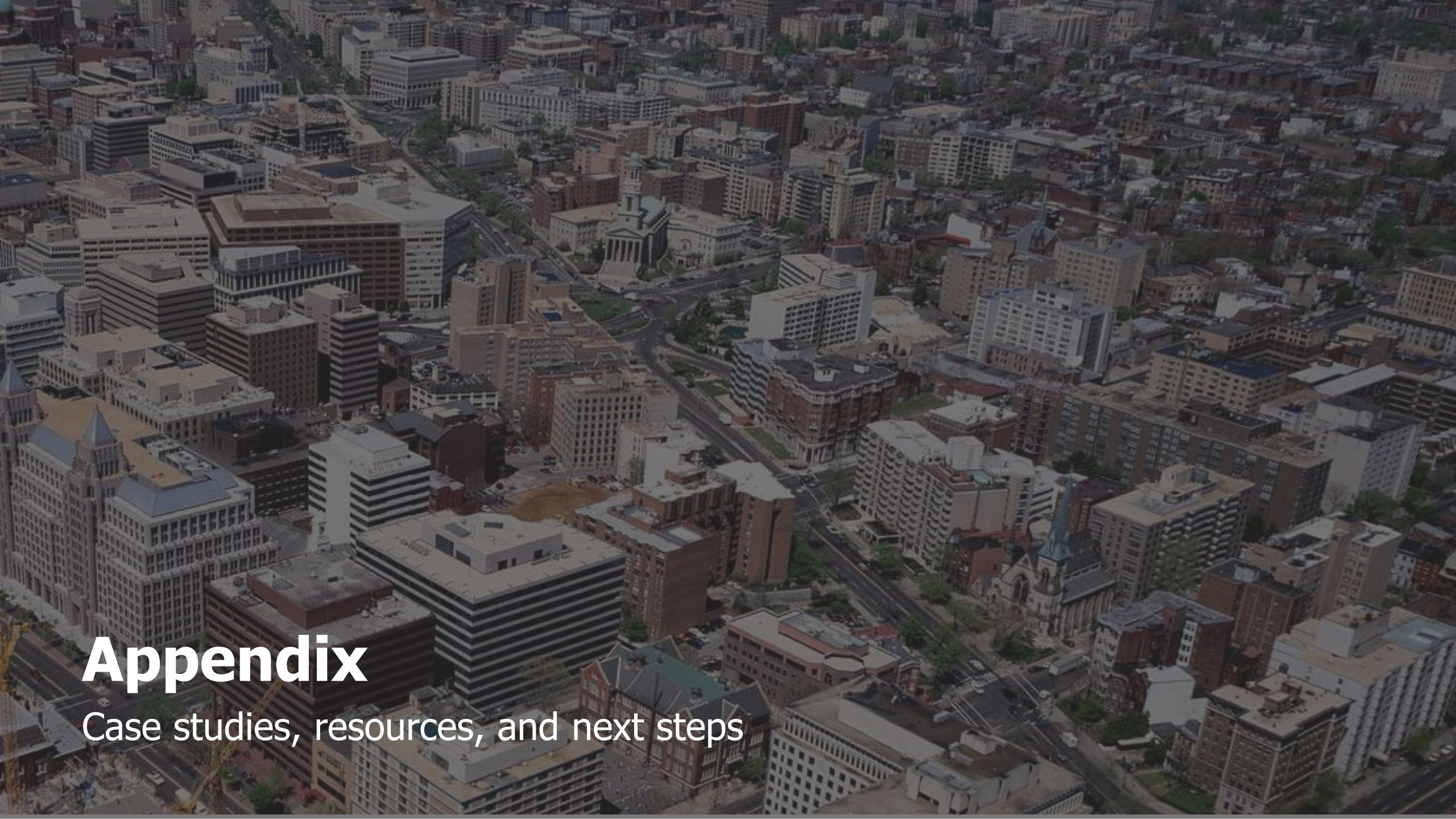
- Financed roof and solar through Community Impact Initiative (CII).



Renewable Energy Investment Tax Credit

- Direct pay provision enabled transferability of tax credit for clean energy projects.





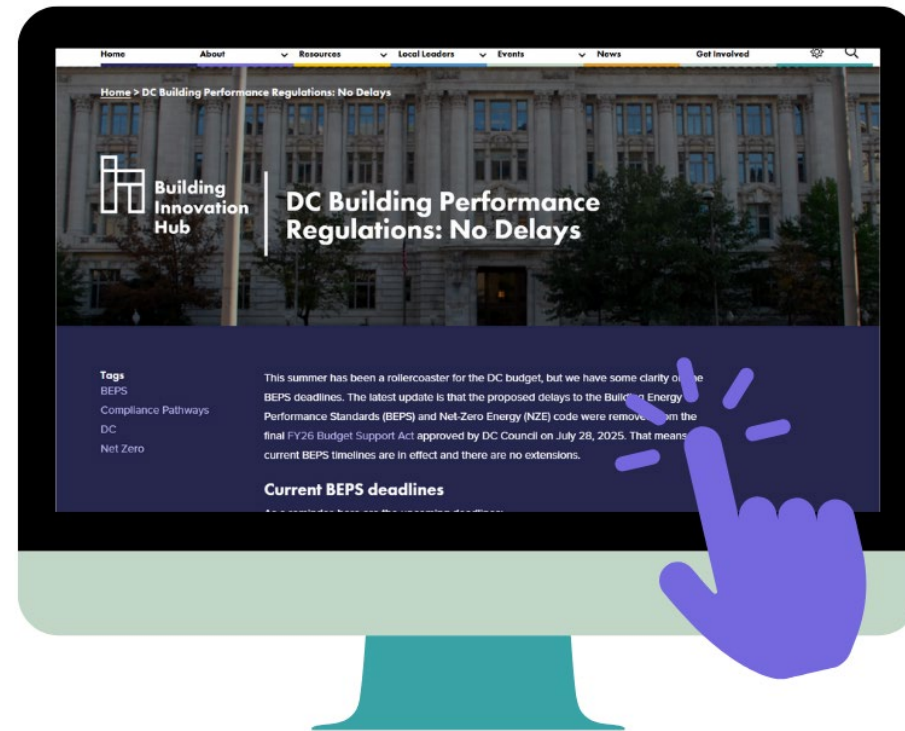
Appendix

Case studies, resources, and next steps

Additional Toolkit Resource

DC Building Performance Regulation

The latest update is that the proposed delays to the Building Energy Performance Standards (BEPS) and Net-Zero Energy (NZE) code were removed from the final [FY26 Budget Support Act](#) approved by DC Council on July 28, 2025. That means the current BEPS timelines are in effect and there are no extensions.



Upcoming Events and Webinars

Sign up for the Hub's newsletter

2025 University & Commercial Building Roundtable

11:00am-12:30pm | September 16



DCSEU



[Sign up:](https://bit.ly/4n02JIb) bit.ly/4n02JIb

[Subscribe to our newsletter](#)



Thank You!

Let's keep in touch

Contact information for further assistance:

- www.buildinginnovationhub.org
- www.linkedin.com/company/building-innovation-hub
- info@buildinginnovationhub.org
- Sign up for the Hub newsletter through the QR code





Thank you to our supporting members!

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Innovator



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Contributor



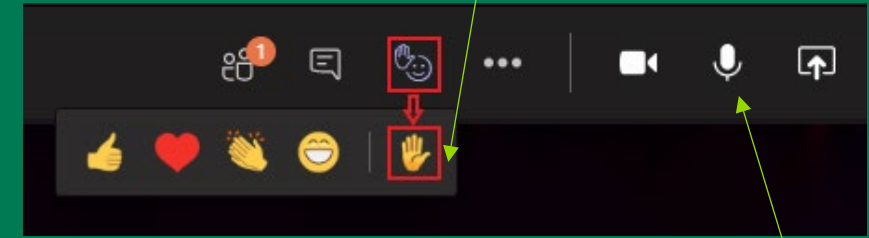
Friend



Asking questions

- To submit a question, please use the chat/Q&A to write out your question or use the 'raise hand' feature (see photo). Once your hand is raised the moderator will call on you to come off mute to give an auditory response
- Please try to use the Q/A for all your questions
- All slides along with the recording will be posted to the DCSEU website

Raising Your Hand

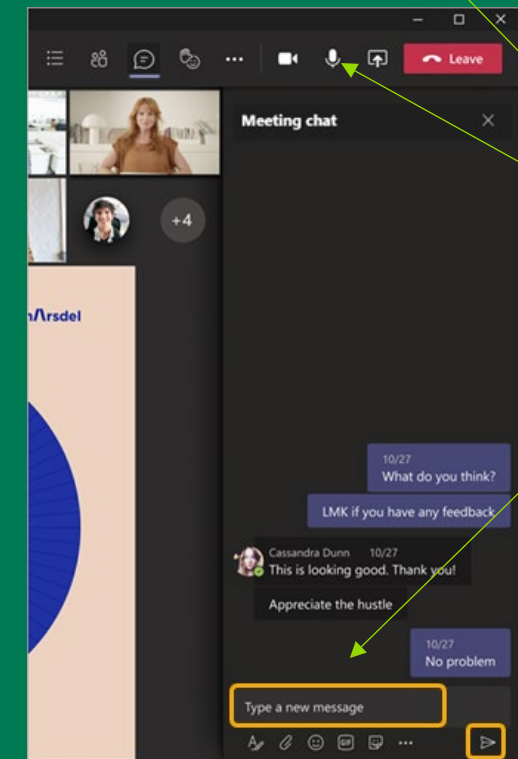
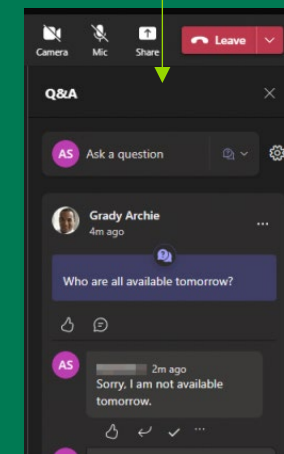


Using Chat

Using Q&A

Mute Button

Using Chat



Crystal McDonald & Gabriel Cunha

The DCSEU & Houses of Worship

About the DCSEU

The District of Columbia Sustainable Energy Utility (DCSEU) is a community-minded organization committed to making energy efficiency and clean energy more accessible to every person and business in the District. Since 2011, we have helped District residents and business generate more than \$1.4 billion in lifetime energy cost savings. We provide the industry-leading learning opportunities, expert hands-on assistance, and vital financial support that save our communities both energy and money.



Customer Engagement with Worship Facilities

- For over a decade, the DCSEU has partnered with faith-based organizations in the District to achieve energy and cost savings.
- We have incentivized energy-efficient equipment and provided technical assistance for new construction, retrofit projects, and solar panel installation.
- Projects for Houses of Worship owned buildings include lighting upgrades and controls, chiller replacements, heat pump water heaters, heat pumps, and solar.
- Most projects have a 2-to-15-year simple payback.
- The DCSEU incentive is based on estimated annual Electric Savings (MWh) and Natural Gas Savings (MMBtu). Lifetime Energy Cost Saved is based on estimated cost savings for installed measures.

Pathways to Incentives & Technical Assistance



Self- Service

Who: Customers completing a project that have chosen a contractor and equipment with a defined timeline.

Value:

- Defined rebate amounts with **up to \$100k per commercial customer threshold.**
- Defined rebate amounts with **up to \$15k per residential customer threshold.**

How: Prescriptive rebate application or buy directly from Participating Distributor.



Custom Service

Who: Commercial customers considering a project for which the equipment is not listed in prescriptive rebates are subject to a custom analysis to determine the incentive level.

Value: 3rd party review, technical assistance, and incentive value tied to project energy savings.

How: Custom incentive calculation from DCSEU Account Manager and Engineering Consultant.

Business Rebates

When installing or replacing equipment like lighting, refrigeration, and HVAC in businesses, multifamily residences, or other commercial buildings in the District, submit an application through our Online Rebate Center for rebates up to \$100,000 per location per fiscal year.

Standard Rebates

- Lighting
- Motors
- HVAC
- Refrigeration
- Food Service & Vending
- Electric Lawn Care

Instant Rebates with Distributors

- Lighting
- HVAC

Visit dcseu.com/business-rebates

Custom Incentives

Any measure or operational improvement you are making in your District-based building that provides cost-effective energy savings is potentially eligible to receive technical assistance and incentives from the DCSEU.

Custom measures include but are not limited to:

- LED Lighting & Controls
- HVAC Equipment
- HVAC Controls Strategies and Retro-Commissioning
- Refrigeration Management & Leak Detection
- Solar Incentives (with Energy Efficiency Measures)

There are three ways to get started:

1. Complete the [Custom Project](#) form on our website.
2. Book time with an [Account Manager](#) based on your building type.
3. Call us at (202) 479-2222.

Visit dcseu.com/start-a-project

Custom Savings Analysis

We're here to help you meet your economic and operational goals. Uncover energy savings, run your buildings more efficiently, and identify efficiency improvements with the greatest returns on investment. Get a custom savings analysis from a DCSEU Engineering Consultant.

Identify Opportunities

- Site walkthroughs
- No-cost technical assistance
- Peer-to-peer information exchange
- New technology seminars

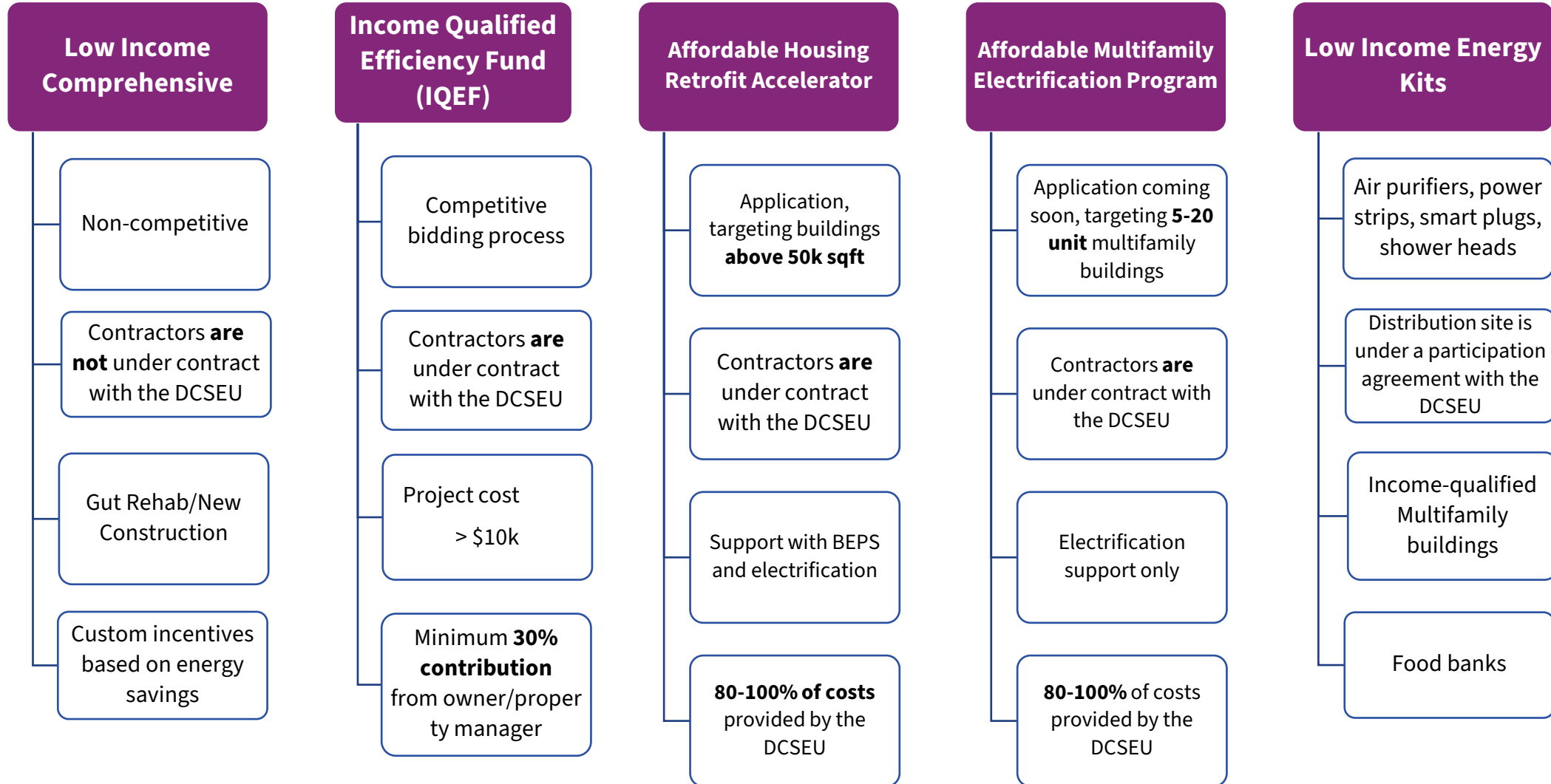
Analyze Project

- Estimate energy savings as it relates to...
- Vendor quotes
 - Operations/ controls adjustments
 - Utility data analysis re: pay-for-performance
 - Impacts on cash flow and ROI

Impacts

- Demonstrate value to decision makers
- Reduced operations and maintenance costs
- Increased comfort and employee performance

DCSEU Affordable Housing Offerings Overview



**Don't know
where to start?**

**Book time with
Gabriel today!**



Visit our [bookings page](#) to schedule time with Gabriel, our Account Manager for Small Businesses and Houses of Worship!



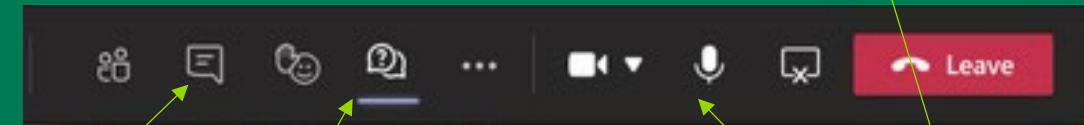
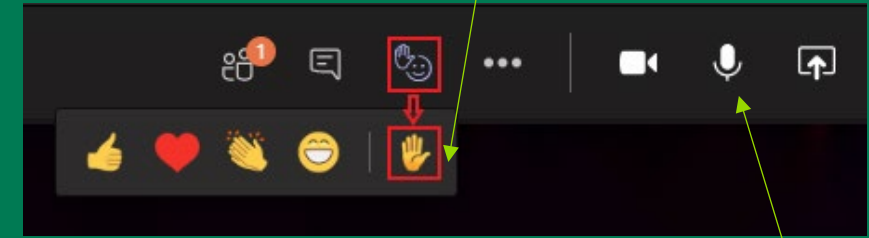
**Thank you and
take our
closing poll
before you
leave!**



Asking questions

- To submit a question, please use the chat/Q&A to write out your question or use the 'raise hand' feature (see photo). Once your hand is raised the moderator will call on you to come off mute to give an auditory response
- Please try to use the Q/A for all your questions
- All slides along with the recording will be posted to the DCSEU website

Raising Your Hand



Using Chat

Using Q&A

Mute Button

Using Chat

