

## LBNL Develops Framework for Greenhouse Gas (GHG) Emissions Reduction Planning to Guide Owners

The Department of Energy's (DOE) Better Climate Challenge (BCC) calls on organizations to voluntarily commit to reducing their scope 1 and 2 GHG emissions by 50% within 10 years. In support, Berkeley Lab's Building Technology & Urban Systems (BTUS) researchers, Hannah Kramer, Jessica Granderson and Nora Hart,



developed two new resources aimed at helping BCC commercial partners in their decarbonization journey. The resources are titled Framework for GHG Emissions Reduction Planning: Building Portfolios and GHG Emissions Reduction Audit: A Checklist for Owners.

These resources were developed in collaboration with the BCC Berkeley Lab Technical Account Managers and partner stakeholders representing over 60 organizations. The target audience for these resources are commercial, multifamily, or institutional organizations that are developing an emissions reduction plan for their portfolio of buildings and fleets.

An overview and links to both resources can be found [here](#). To learn more about how our team is supporting Better Climate Challenge partners with technical assistance and resources, reach out to our [team](#).

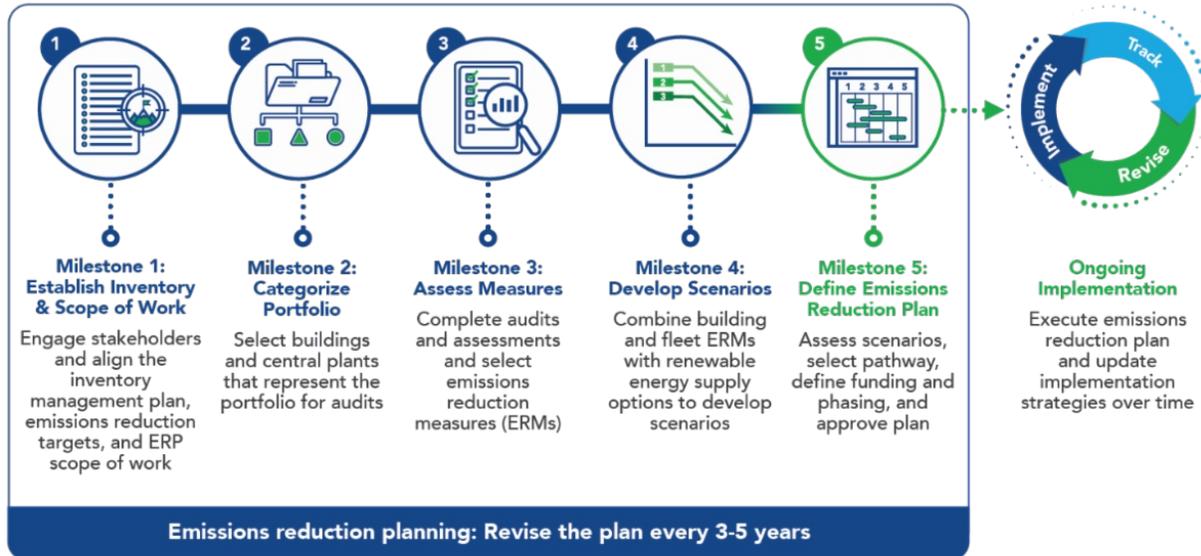
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### Framework for GHG Emissions Reductions Planning: Building Portfolios

This resource outlines a process and related guidance that helps organizations develop an actionable plan that achieves Scope 1 and 2 GHG emissions reduction targets across their

portfolio of buildings and vehicle fleets. The Framework comprises 5 major milestones, as shown below.

Find the full Framework [here](#).



## GHG Emissions Reduction Audit: A Checklist for Owners

This resource provides guidance on the recommended scope and deliverables for a building-level GHG Emissions Reduction Audit for building-related scope 1 and 2 GHG emissions. Developed with input from The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Task Force for Building Decarbonization, ASHRAE Standard 211 subject matter experts, and engineering design professionals, this resource aims to meet an emerging need in the industry to incorporate decarbonization considerations into standard energy efficiency audits. This resource can be used in parallel with the Framework for Emissions Reduction Planning or as a stand-alone document.

Find the full GHG Emissions Reduction Audit Checklist [here](#).

### Building Technology & Urban Systems | Energy Technologies Area | Berkeley Lab

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