FRAMEWORK FOR EMISSIONS REDUCTION PLANNING: BUILDINGS

Overview

An Emissions Reduction Plan (ERP) is essential for organizations across all sectors seeking to achieve deep Greenhouse Gas (GHG) emission reductions. The ERP Framework is a new resource that outlines how an organization can develop an actionable plan to achieve its GHG emissions reduction target across its portfolio of buildings and fleets. Better Climate Challenge partners and stakeholders representing over 60 organizations across multiple sectors and building types contributed to the development of this framework through participation in working groups. The five milestones to complete to create an ERP are summarized in Figure 1. The ERP Framework covers each of these in detail.

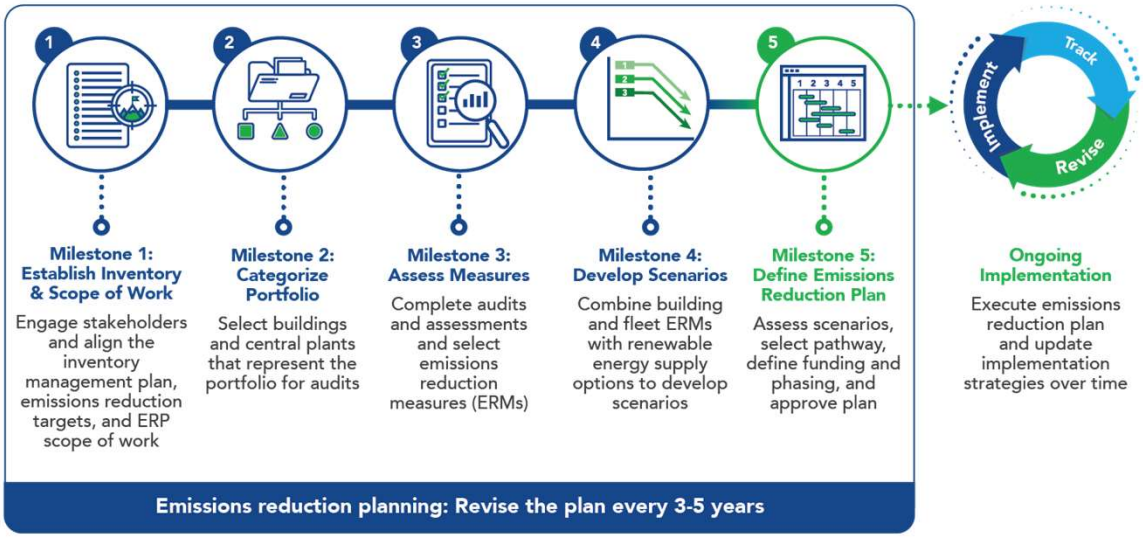


Figure 1: Overview of five milestones towards creating an Emission Reduction Plan.

A Closer Look at Three Milestones in the ERP Framework

Each Milestone in the Framework has a dedicated discussion guiding the organization through the steps to complete that Milestone. This includes a graphical summary of those steps. Shown here are the summaries of steps for Milestones 1, 2, and 3 from the ERP Framework (Figure 2). Notice that these steps outline the recommended actions for the organization to take to move from one Milestone to the next.

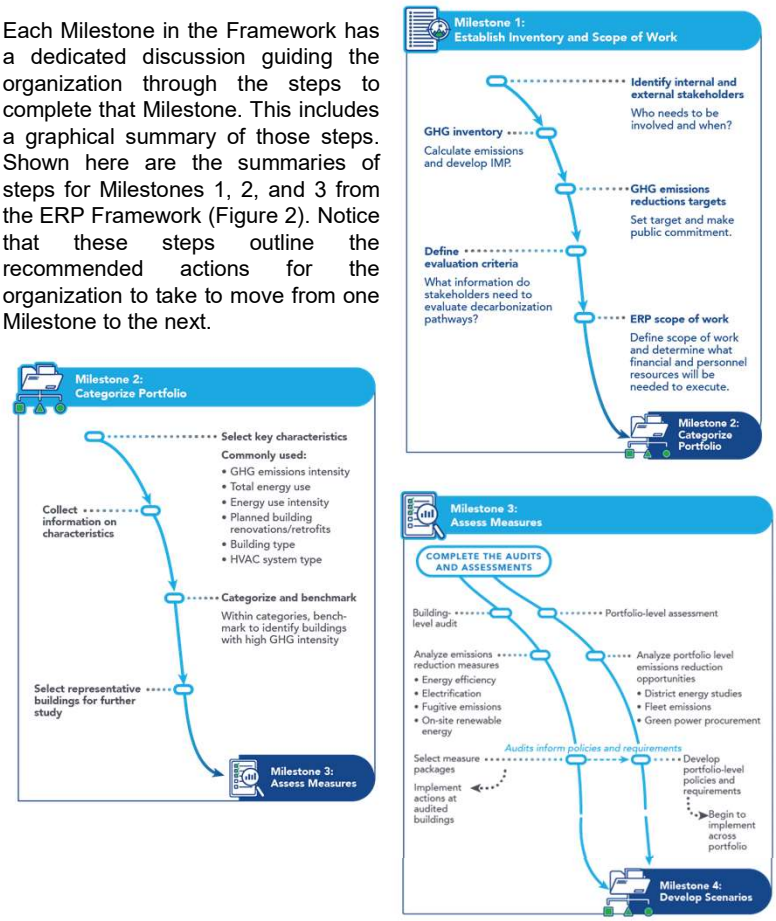


Figure 2: Example graphical summaries steps to be completed within a milestone. The examples are for Milestones 1, 2, and 3.

GHG Emissions Reduction Audit: A Checklist for Owners

The GHG Emissions Reduction Audit complements the ERP Framework, particularly Milestone 3. This resource provides guidance and an accompanying checklist for a building-level GHG emissions reduction audit for operational Scope 1 and 2 GHG emissions (summarized in Figure 3). Its scope is similar to an ASHRAE Standard 211 Level 2 energy audit or ISO 50002 Tier 2 energy audit but includes additional tasks to incorporate decarbonization.

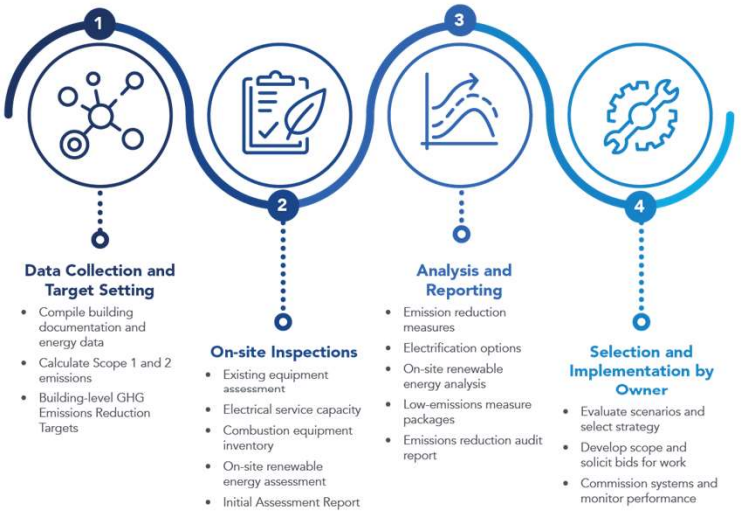


Figure 3: Tasks in a GHG Emissions Reduction Audit.

Want to See These Resources in Full?

Just scan the QR code to the right to access the ERP Framework's page on the Better Buildings website.