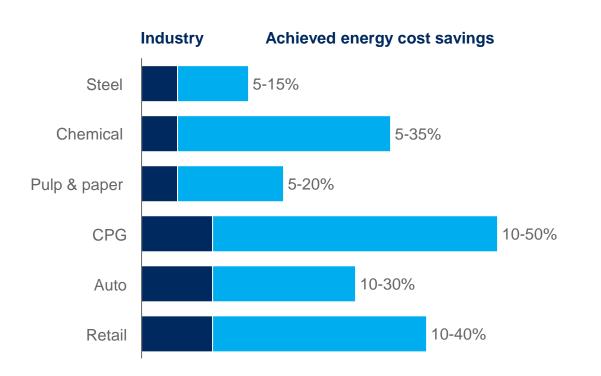


RedE operationalizes an extensive library of resource efficiency levers, facilitating identification, implementation and performance management

Resource efficiency leads to savings

Potential savings in energy efficiency alone is substantial across industries



RedE solution

- Actionable, client-specific lever engine for resource efficiency projects
- Program management and savings dashboards included for clients

Rapidly expanding impact

10-20%

Average utility cost savings

160+

Available levers

Active facilities

No

Limits on network size

RedE combines our deep knowledge of resource efficiency with an intuitive digital interface for identifying and implementing levers

	Description
Actionable levers	Levers have been developed and honed from hundreds of McKinsey energy efficiency studies over the previous 10+ years.
User-friendly digital interface	Users are guided through a methodical, intuitive digital experience as they provide information on their site's utility usage and production
Refinable business cases	Users can view detailed descriptions of the business cases behind cost savings projections, and refine them to align with their site's situation
Recommendation engine	Recommendation engine that guides clients on most relevant projects for their sites and offers savings/capex projections based on benchmark values
Implementation management	Visual management tools to steer complex projects and see savings; program owner can performance manage and understand impact

RedE provides a series of deliverables to help you identify the key levers to drive utility savings and emissions reductions

Overview

- Facilities provide utility cost and production data
- The RedE lever engine recommends specific energy efficiency improvements
- Levers are selected based upon relevance, user-refined savings, and projected costs
- Facilities visually manage execution and track performance versus peers
- Program owners track performance and drive overall network savings

Key deliverables

Site-specific recommendations



Implementation support



Dynamic project business cases

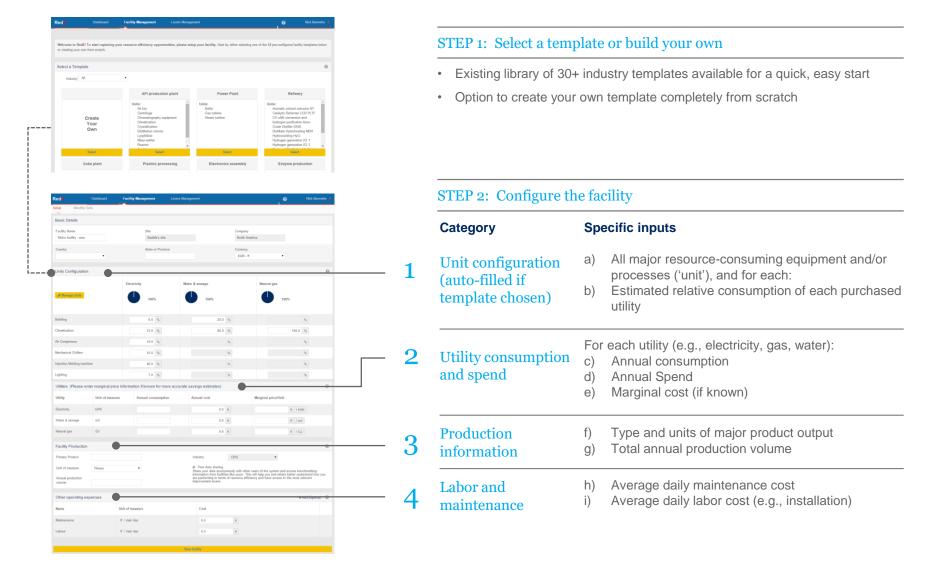


Performance management

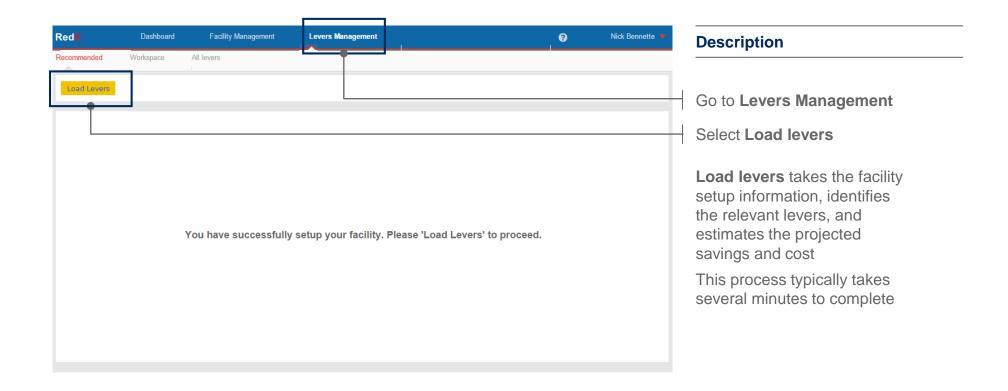




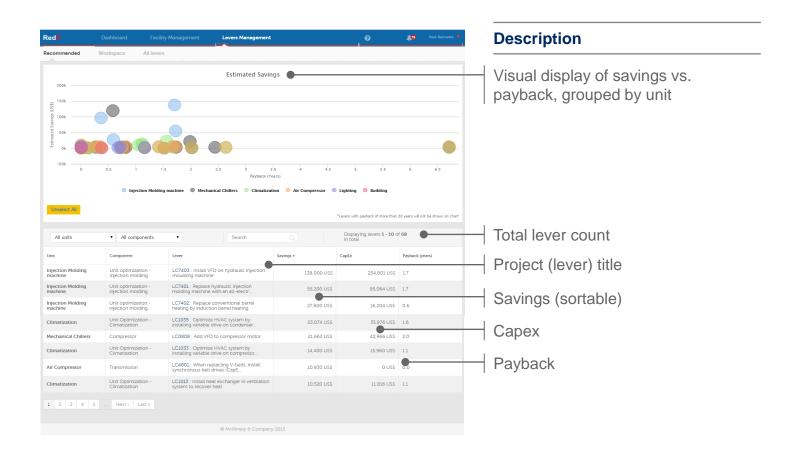
For sites or suppliers, the facility setup process consists of a few main sources of information, all contained on a single intuitive page



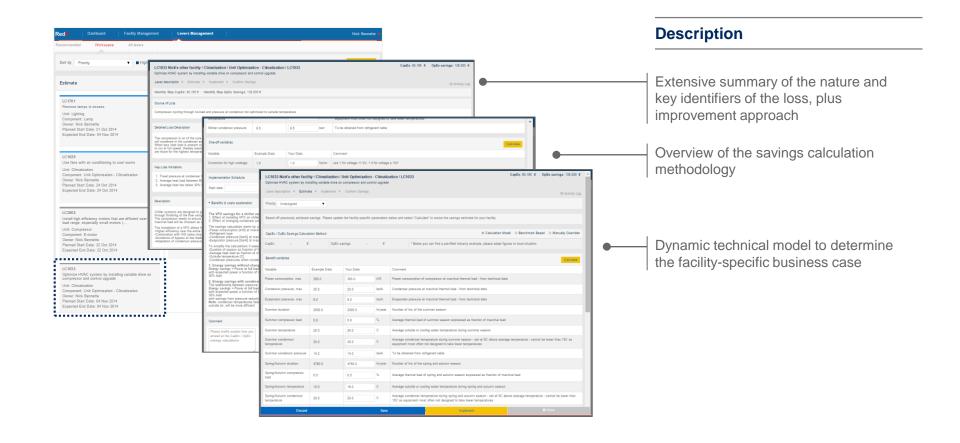
Once facility setup is complete, the lever recommendation engine is run to identify a targeted set of projects from the RedE database



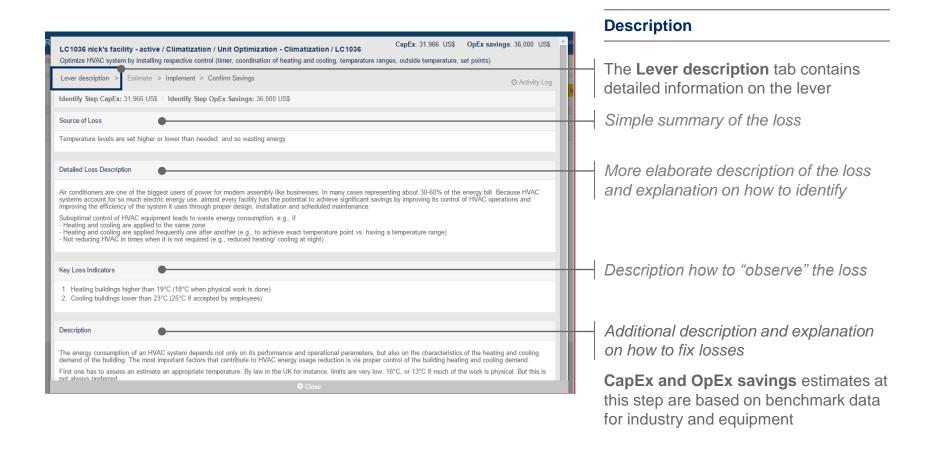
RedE generates a list of recommended "levers," each with benchmarkbased savings, capex, and payback estimates



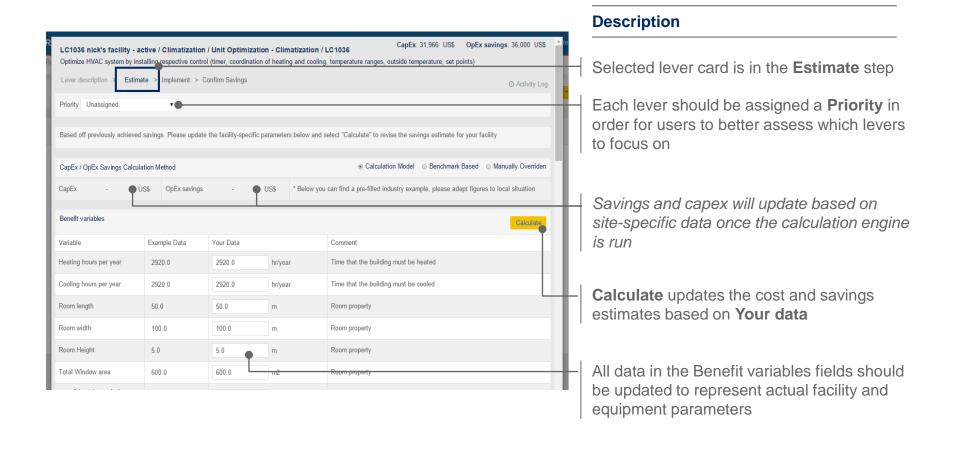
Once a lever is selected, user have access to the underlying dynamic business case that refines savings based on actual operating parameters



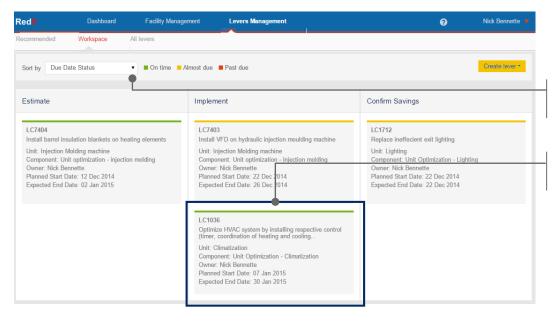
Lever description allows the user to review details on the source of loss, improvement details, and calculation approach



Individual parameters affecting a lever are all adjustable, allowing the user to dynamically update the business case



RedE contains an implementation interface to track your projects from estimation through completion



Description

Selected lever card is in the **Implement** step

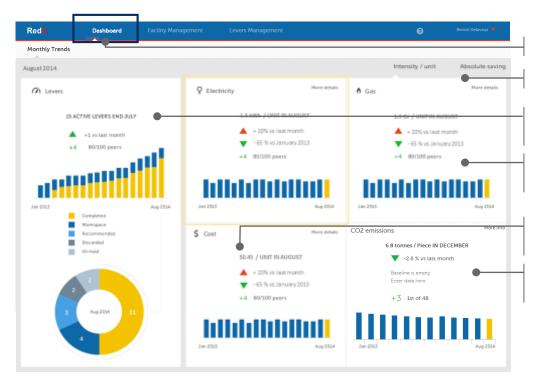
Levers can either be viewed by **Priority** or **Due Date Status**

Go to Implement to update lever capex and project timing

Lever **Priority** is assigned at the Estimate step

Lever **Due Date** is based on the time in a given step; fixed timing for Estimate and Confirm Savings steps and the end date in **Implement**

The Dashboard is composed of tiles, each one is tracking improvement on one dimension across time and peers



Description

Go to Dashboard

Intensity / absolute saving display toggle

Levers tile shows implementation of levers over time

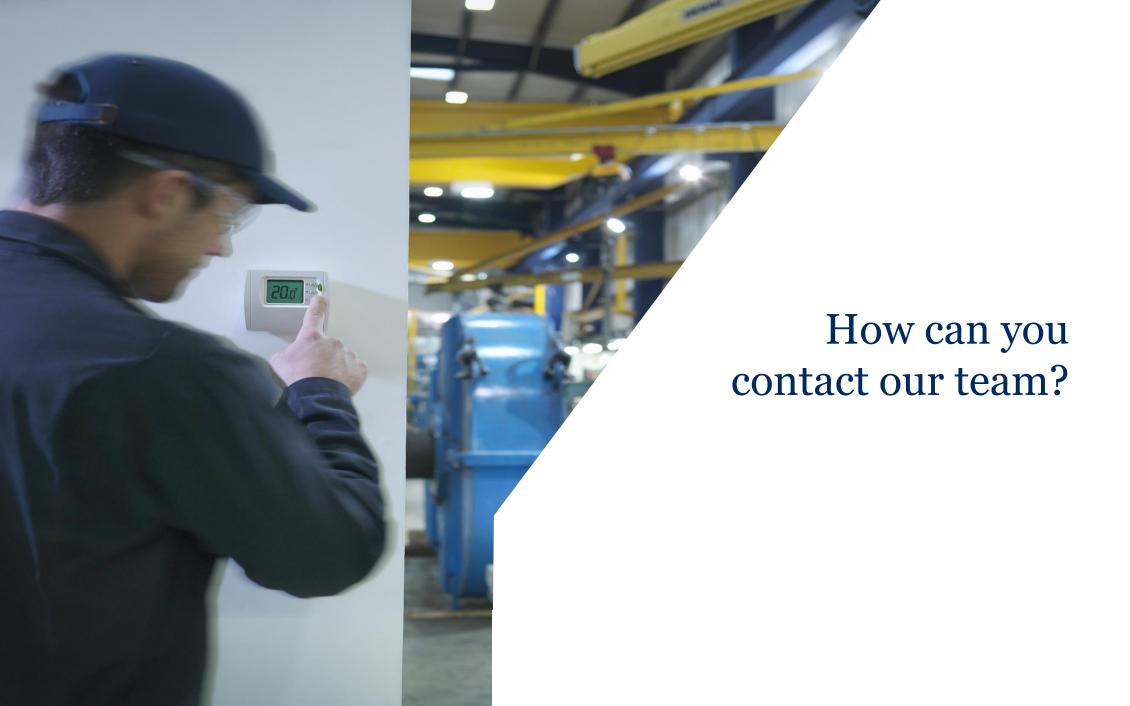
Utility tiles show performance over time, either per unit or savings

Cost saving tile shows utility improvement converted to cost

CO₂ saving tile is utility savings converted in CO₂ savings

"Intensity / unit" gives you a view on use for producing one unit, giving consistent context across time and peers

"Absolute saving" is your saving compare to your baseline



Want more information?

Please reach out to us at RedE@mckinsey.com