



YOUR ENERGY EFFICIENCY TRAVEL GUIDE: A ROADMAP FOR SUCCESS



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THE NEED FOR CHANGE

As the world grapples with the impacts of climate change and the cost of energy consumption increases, governments, citizens and businesses alike are turning their attention to finding ways to reduce their carbon footprints, reduce their overall level of energy consumption and change the kinds of energy that fuel their energy requirements.

WHAT IS ENERGY EFFICIENCY?

In a nutshell, energy efficiency is using less energy to perform the same task. In other words, eliminating energy waste.

There are enormous opportunities for efficiency improvements in every sector of the economy, whether it is buildings, transportation, industry, or even the power generators themselves. By focusing efforts to reduce energy consumption through a variety of tactics and strategies, businesses stand to reap economic, social and environmental benefits from their efforts.



CHALLENGES WITH ENERGY EFFICIENCY

Pursuing energy efficiency opportunities makes good business sense but there are challenges that come with developing an energy efficiency program including:

- Where do you start?
- How do you know you are wasting energy and have opportunities to improve?
- Who do you trust to help with developing an improvement plan that works for you?
- How do you avoid making bad investments that do not provide expected returns?
- What is the cost of doing nothing given the impact of carbon taxes on natural gas?



The ACCA Energy Program is committed to helping our members with their journey to greater energy efficiency.

Our roadmap provides a path forward that will help you reach the desired outcomes. So let's get started.



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YOUR ROADMAP TO ENERGY EFFICIENCY SUCCESS

Like any journey, it is important to map out the key components so that you arrive at your destination on time, on budget and that the end result is exactly what you set out to achieve.

COMPONENTS FOR A SUCCESSFUL TRIP

Set a destination: Knowing where you want to go is **CRITICAL** to success



- What do you want to achieve with your energy efficiency initiatives?
- Is your goal to simply reduce the amount of energy your buildings consume?
- Are you looking to replace your current energy sources with less carbon intense options?
- Is your goal to understand how your buildings operate from an efficiency standpoint?

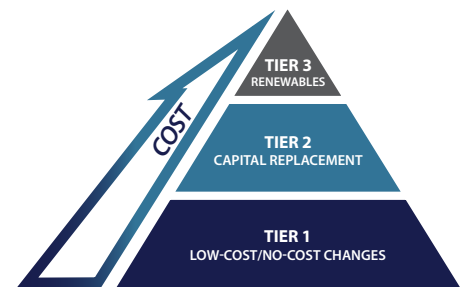
Set a travel budget: Knowing how much you need/want to spend will affect the quality of your trip



- Most budgets are not unlimited so setting priorities is necessary for planning purposes
- Knowing where to invest and the related costs is also **CRITICAL** to success
- Our process will determine what budget should be set based on identified opportunities
- Understanding the outcomes/returns helps to justify the investment

Plot your itinerary and plan your enroute activities:

- Determine what initiatives you want to pursue and when
- The energy efficiency pyramid helps you set priorities
- Where you start on the pyramid is based on where you are at with respect to your overall energy efficiency planning
- Alternative energy sources play a part in energy efficiency planning but timing is critical to achieving success
- Data driven decisions will help you avoid costly mistakes and ensure the return on investment is realized



ENERGY EFFICIENCY HIERARCHY

Post trip evaluation and Google review: ★★★★★

At the conclusion of your trip, it is important to evaluate your journey, quantify your success and rate the overall experience

- Being able to quantify the results of any improvement projects is important to support future initiatives and investments
- Data driven results provided by ongoing data monitoring will help track overall performance of buildings for comparative purposes and for determining further areas of investment/opportunity
- Energy efficiency is not a point-in-time endeavor – it requires ongoing monitoring and commitment to harness the full power and benefit of conservation efforts



FUNDING/GRANT APPLICATION

Financing is critical fuel for moving your efficiency projects forward. We can help determine what grant monies are available and provide guidance on how to manage the application process.



ENERGY EFFICIENCY ROADMAP TO HELP GET YOU “THERE”

We want to be more **ENERGY EFFICIENT**



ASSET IDENTIFICATION

We have several buildings but don't know how they are performing or how they compare.

DESKTOP AUDIT

The first step in determining building performance and potential efficiency opportunities.

FULL ENERGY AUDIT

A deeper, onsite review of equipment, building envelope, etc. This helps quantify viable improvement projects.

DEVELOPMENT OF INVESTMENT AND/OR RETROFIT PLAN

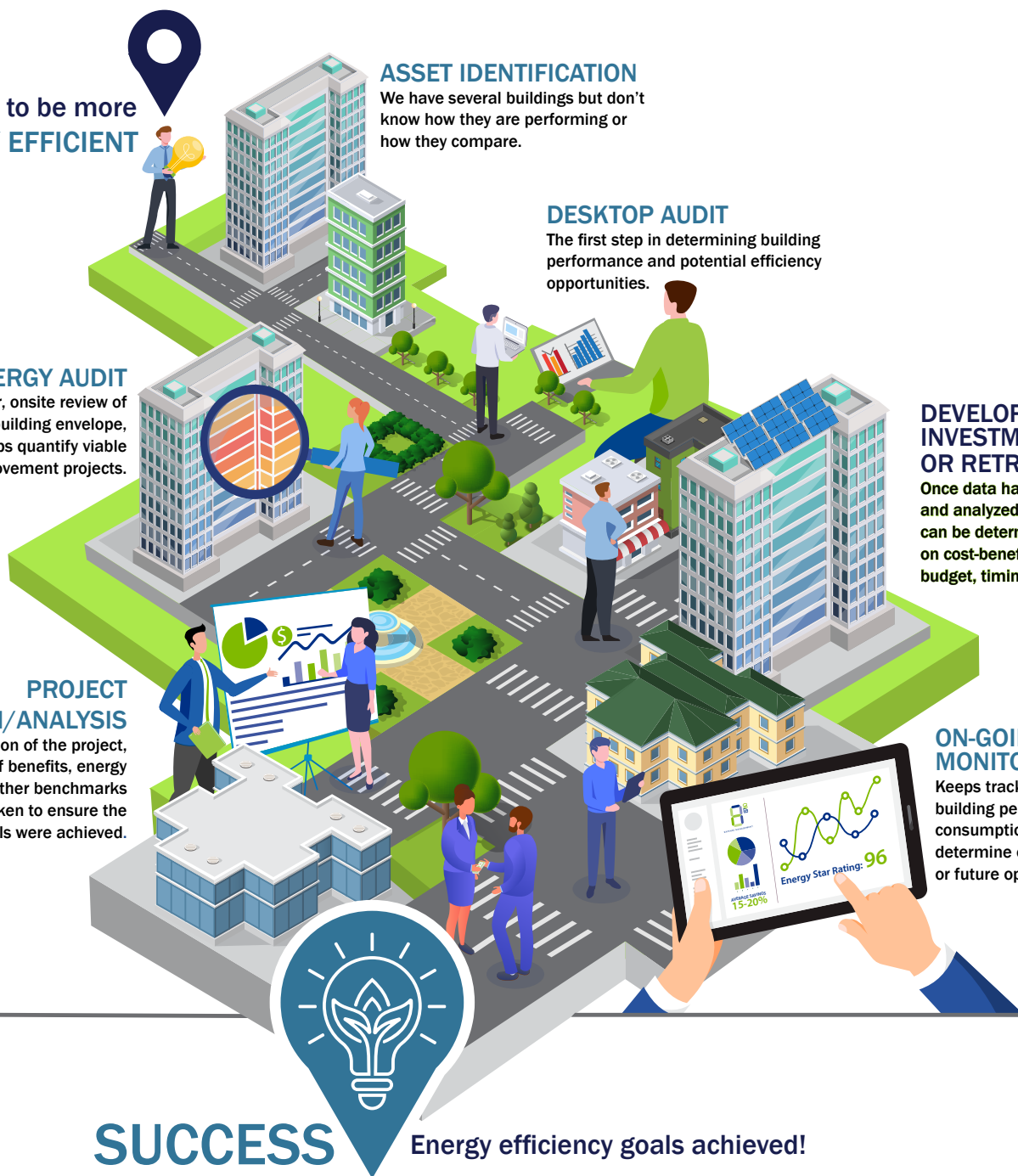
Once data has been collected and analyzed, viable projects can be determined based on cost-benefit approach, budget, timing, etc.

PROJECT VALIDATION/ANALYSIS

At the conclusion of the project, quantification of benefits, energy reduction and other benchmarks undertaken to ensure the desired goals were achieved.

ON-GOING DATA MONITORING

Keeps track of trends, building performance, energy consumption over time to determine ongoing success or future opportunities.



SUCCESS

Energy efficiency goals achieved!

GET STARTED TODAY

ON YOUR JOURNEY TO ENERGY EFFICIENCY

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