

Before we get started...

Your EMIS collects thousands of data points every day.

Which challenge most likely prevents you from obtaining maximum value?

- A. Too much data and not enough prioritization
- B. Limited management engagement
- C. Reports do not speak the language of decision-makers
- D. We are not sure how to turn data into action
- E. All of the above

Driving continuous improvement with energy management information systems (EMIS)

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EMIS funding is available!

The Expanded Energy Management Program from Save on Energy provides **up to \$250,000** for the installation of an energy management information system (EMIS)

Financial support is provided by Natural Resources Canada (NRCan) as part of its Green Industrial Facilities and Manufacturing Program.



Energy management information systems (EMIS)

EMIS incentives are available through Save on Energy's Expanded Energy Management Program.

Industrial facilities can receive incentives up to 50% of the eligible costs to implement an EMIS:

1. \$50,000/facility with $\leq 400,000$ GJ annual baseline consumption (all fuels)
2. \$250,000/facility with $> 400,000$ GJ annual baseline consumption (all fuels)

An EMIS includes measurements, networks, data storage, energy management information, people and management processes.

Projects must be completed by **February 2027** while funding is available. To start your application process, **please email** SEM@ieso.ca.

Financial support for industrial facilities participating in the Expanded Energy Management Program is provided by Natural Resources Canada (NRCan) as part of its Green Industrial Facilities and Manufacturing Fund.

Expanded Energy Management (EEM) Program

Interested in joining a new strategic energy management (SEM) cohort or receiving up to \$100,000 funding towards the hiring of an Energy Manager?

- The EEM Program offers expert-led coaching, peer learning and support to identify long-term energy-saving opportunities.
- Connect with us: SEM@ieso.ca



Today's objectives



Recognize the value gap

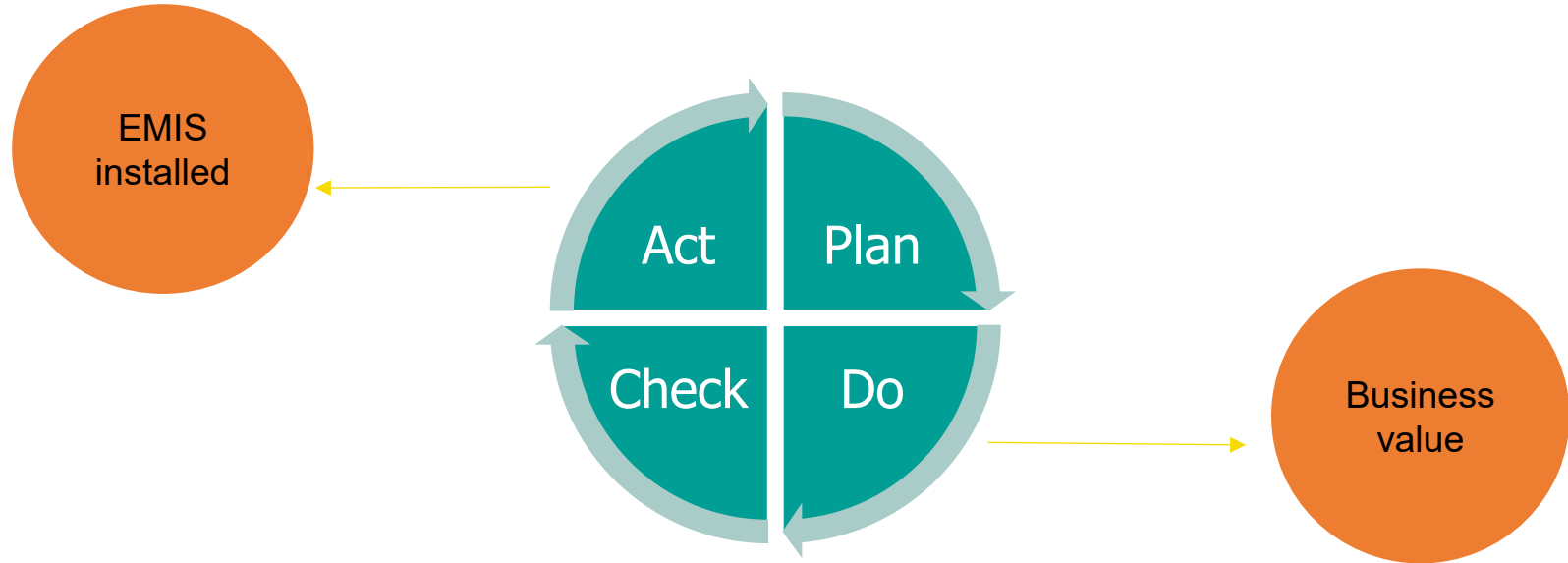


Apply a practical framework



Identify a next step

The real investment is not only installation. It is sustained value.



The system is not broken...but it is not delivering the expected value.

Imagine an organization that invested heavily in an EMIS:

- Thousands of alerts are generated every week.
- Reports are distributed regularly.
- Management is disengaged.
- Few improvement projects move forward.

The question at stake:

How do we turn EMIS activity into continuous improvement?

Organizations often struggle because they solve the wrong problem.



Measure everything

- Data volume becomes the goal.



Report technically

- Reports reflect meters, not decisions.



Treat audiences the same

- Operators, finance and leaders get the same story.



Stop after launch

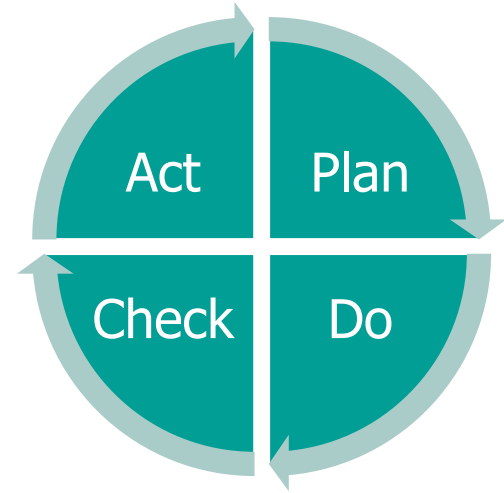
- Implementation is treated as the finish line.



They
think they
are
acting.

A successful EMIS makes excellence visible and actionable.

- ✓ Supports continuous improvement
- ✓ Right information, right time
- ✓ Prioritizes what matters
- ✓ Builds credibility
- ✓ Identifies new opportunities



Sustain the EMIS through continuous improvement.



From 1,000 alerts to five that matter:

1. Could this impact production/operations?
2. Could this save the most energy?
3. Does it require immediate attention?
4. Can anyone act on it now?

Prioritization criteria

Each organization should establish prioritization criteria that reflect its operations, risk, savings potential, and decision-making process.

Establish > Prioritize > Act

Operator



“What action do I take?”

Senior management



“What is the risk?”

Finance



“What is the ROI?”

Start with one meaningful success



Instead of...

“Here is our dashboard...”

More screenshots. More key performance indicators. More explanation.

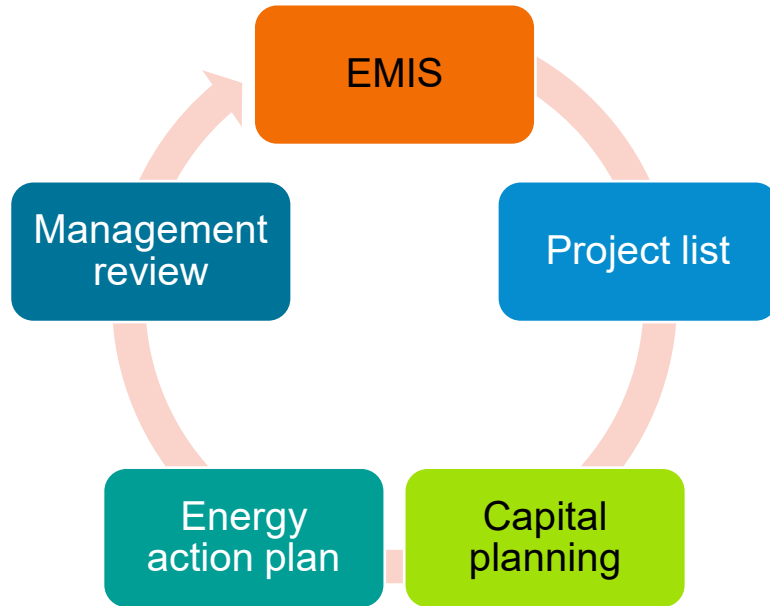


Show...

“Last month, we reduced compressed air losses by 8%, saving \$18,000.”

One success. Simple graph. One minute.

The EMIS is not the endpoint.



Operational routines

Use EMIS findings in daily or weekly meetings where action happens

Planning routines

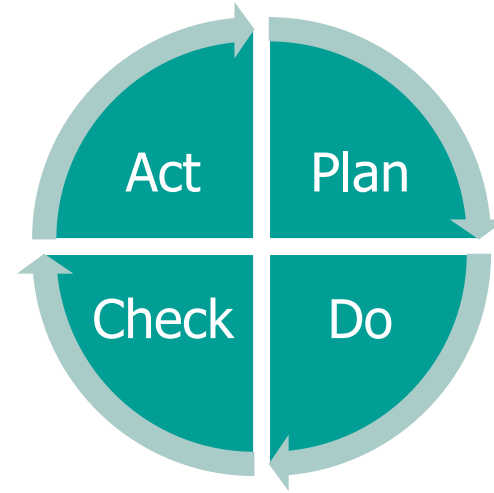
Feed validated opportunities into project and capital planning

Governance routines

Bring progress, risks and outcomes to management for review

Continuous improvement means the EMIS gets better after every cycle.

What is one thing
we could do in
each stage starting
with "act."



Food manufacturing facility: what would you do first?



Scenario

- The facility monitors refrigeration, compressed air and boilers.
- The energy manager sends detailed engineering reports every week, but management says there is too much information.
- Only one improvement project has been approved.

Questions:

1. What should they do first?
2. Who needs different information?
3. What is the quickest way to build credibility?

Breakout discussion: turn the practice into learning



1. Why is prioritization more valuable than simply collecting information?
2. How would your organization decide what deserves management attention?
3. What changed in your thinking about EMIS reporting or decision-making?

What came up in your discussions about prioritizing information, influencing decisions, and communicating with different audiences?

Choose one action to take after today's session



- 1. Review who receives EMIS reports**
- 2. Identify one improvement opportunity using existing EMIS data**
- 3. Simplify one report for a business audience**
- 4. Review how your EMIS supports your energy management system or PDCA process**

Join the energy management community!

Get access to:

Online training, courses and other resources

An online **discussion forum** to connect with peers and experts

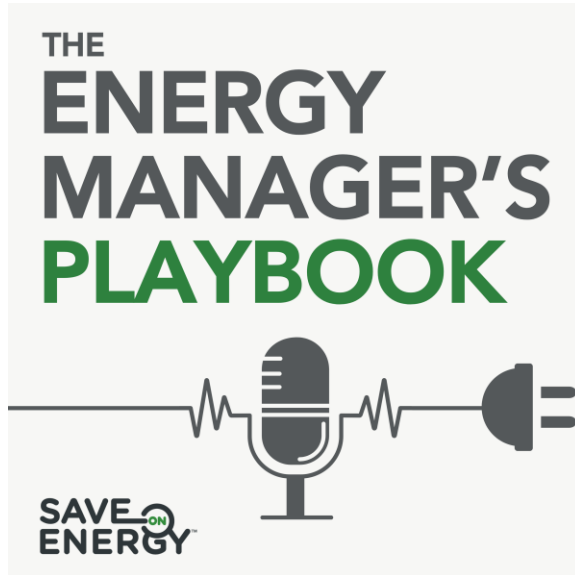
Virtual **discussion groups** and meet-ups to share experiences and discuss challenges

Small group **coaching sessions** to get guidance from experienced energy coaches

Registration is free!

Open to all individuals working on energy management in an Ontario-based organization

The Energy Manager's Playbook



"I was listening to an episode on my way home from work and I had to turn it off because I was getting too many ideas that I wanted to listen to it at home where I could take notes."

-Allison

Available wherever you get
your podcasts!

Stay connected with tools and resources

- Virtual one-on-one coaching: [post-webinar support intake form](#) for tailored support for organizations to manage energy resources effectively
- Monthly bulletin: [sign up](#) to receive monthly training updates on all Save on Energy training and support for new tools and resources
- [Live training calendar](#): visit this page to easily register for upcoming events and workshops
- [Training and support webpage](#): visit this page to access all training and support materials

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