

# *SGE en los Estados Unidos y Canadá*

Energy Management Systems Conference

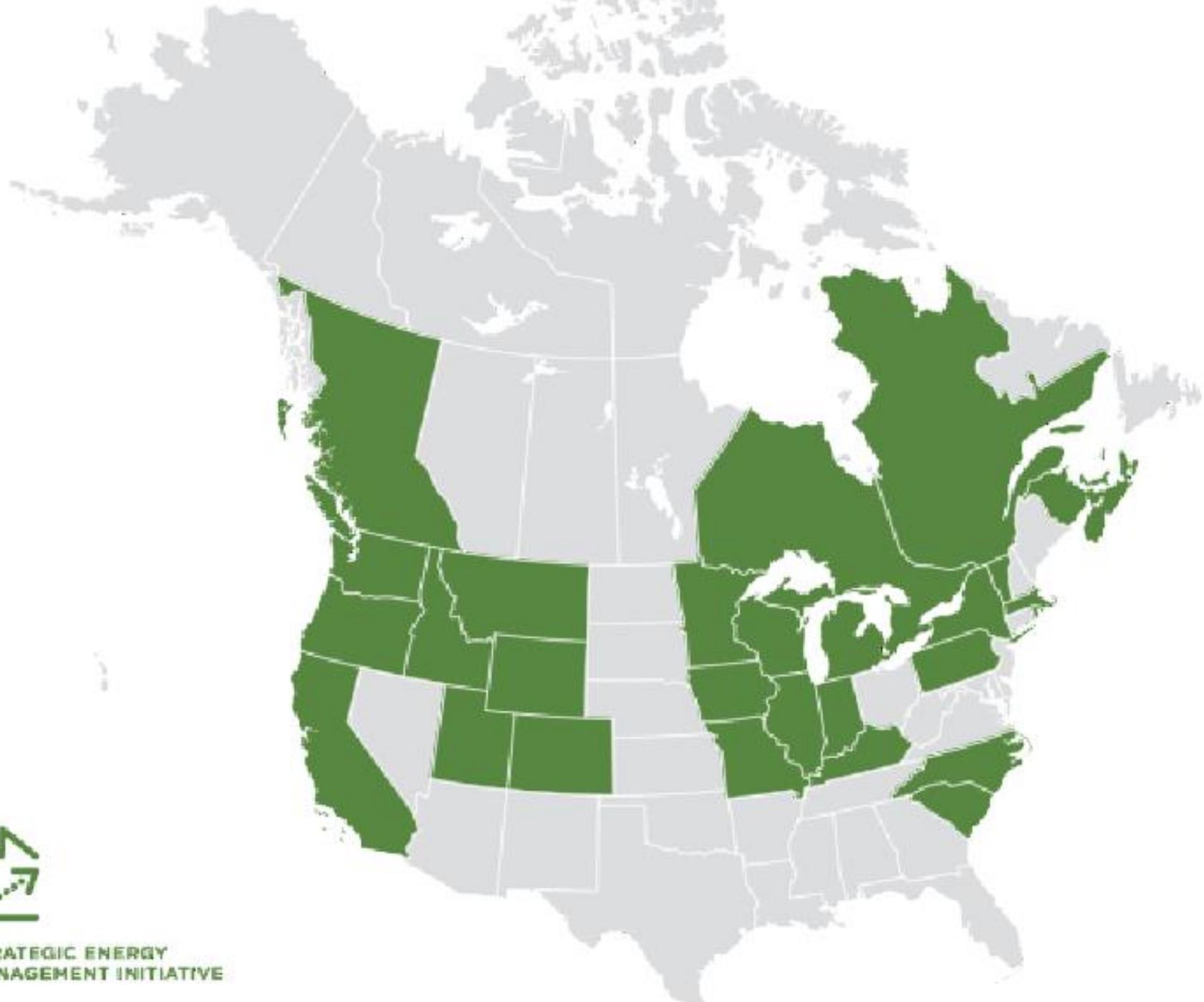
Santiago, Chile

September 5, 2018





STRATEGIC ENERGY  
MANAGEMENT INITIATIVE





**CEE<sup>SM</sup>** Consortium for Energy Efficiency  
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### CEE<sup>SM</sup> Strategic Energy Management Minimum Elements

#### Purpose

The CEE<sup>SM</sup> Strategic Energy Management (SEM) Minimum Elements describe an efficiency program perspective, the minimum conditions that an industrial business should have in place in order to effectively and continuously improve their energy performance. The Elements do not describe efficiency program strategies or delivery approaches detailed in the CEE SEM Program Case Studies. SEM has been effectively adopted by a wide range of organizations and end uses; these Minimum Elements refer to the application of SEM in industrial businesses.

**WIKIPEDIA**  
The Free Encyclopedia

### Strategic energy management

From Wikipedia, the free encyclopedia

**Strategic energy management (SEM)** is a set of processes for business energy management.<sup>[1]</sup> SEM is often deployed via programs that target the businesses or other organizations within a utility territory or a government area.<sup>[2]</sup> SEM is codified in the ISO 50001 standard for energy management systems.<sup>[3]</sup>

**Contents** [hide]

- Energy benefits
- Non-energy benefits
- Core elements
- Current activities
- Common services
  - Private companies
  - Energy utilities
  - Government agencies
- ISO 50001
- References

**Energy benefits** [ edit source ]

The diagram illustrates Energy Star's Guidelines for energy management as a continuous cycle. It starts with 'Make Commitment' at the top, followed by 'Assess Performance & Set Goals', 'Create Action Plan', 'Implement Action Plan', 'Evaluate Progress', and 'Recognize Achievements'. A dashed arrow labeled 'Re-assess' points from 'Recognize Achievements' back to 'Assess Performance & Set Goals', completing the cycle.

Energy Star's Guidelines for energy management, a commonly referenced process for implementing SEM

# SEM Program Supporting Elements





# Management



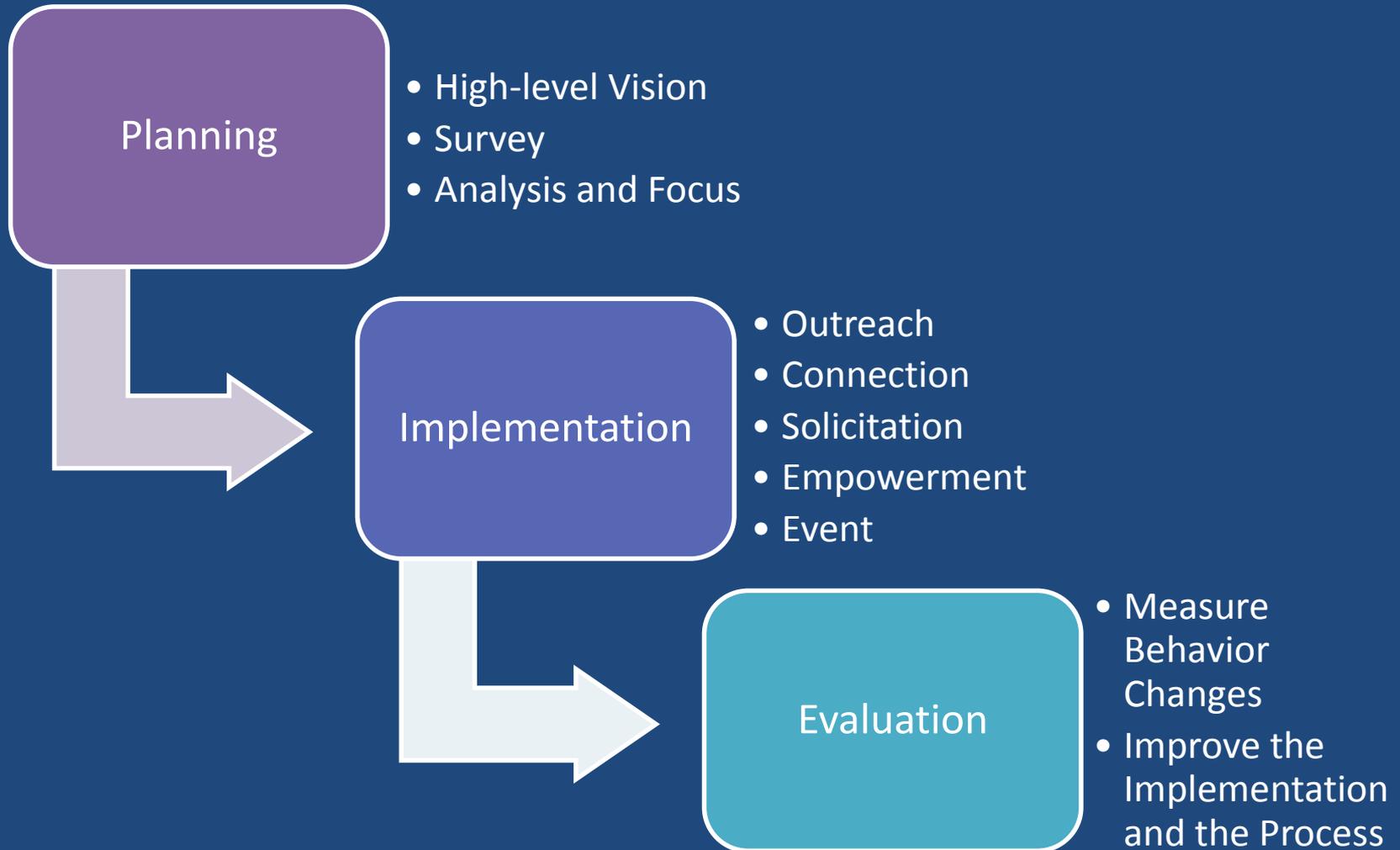
- Which of the following describes your Mill management's approach to energy?

Management is not aware of or engaged in energy management efforts.	0
Management has verbally committed but does not take any real action on energy management.	0
Management checks in on energy efforts and follows up with the energy champion and/or energy team.	2
Management participates in regular, formal reviews of energy management efforts.	3
Management presents/reviews energy management efforts with company leaders/stakeholders.	6



# Deep Energy Management Assessments (EMAs)

# Data-Driven Employee Engagement



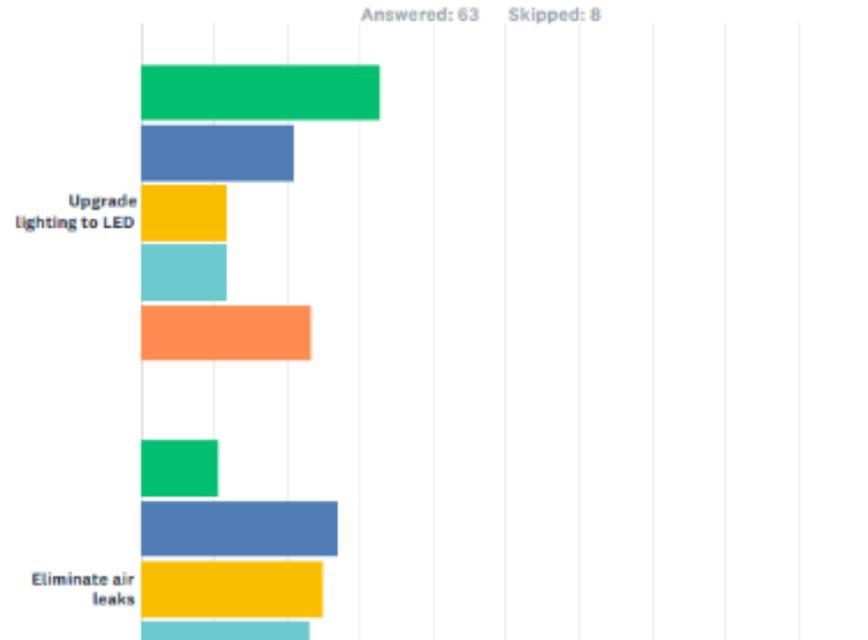
# Employee Engagement Surveys

## \* 9. Please rate these items on a scale of 1 to 5

	Unaware of this	Aware but never look at it	Unaware of this, but will begin looking at it	Looked at it once	Look at this at least monthly	Look at this frequently, make decisions based on information in it
Energy Newsletter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy Dashboard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy Intranet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy Committee Meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy Reports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

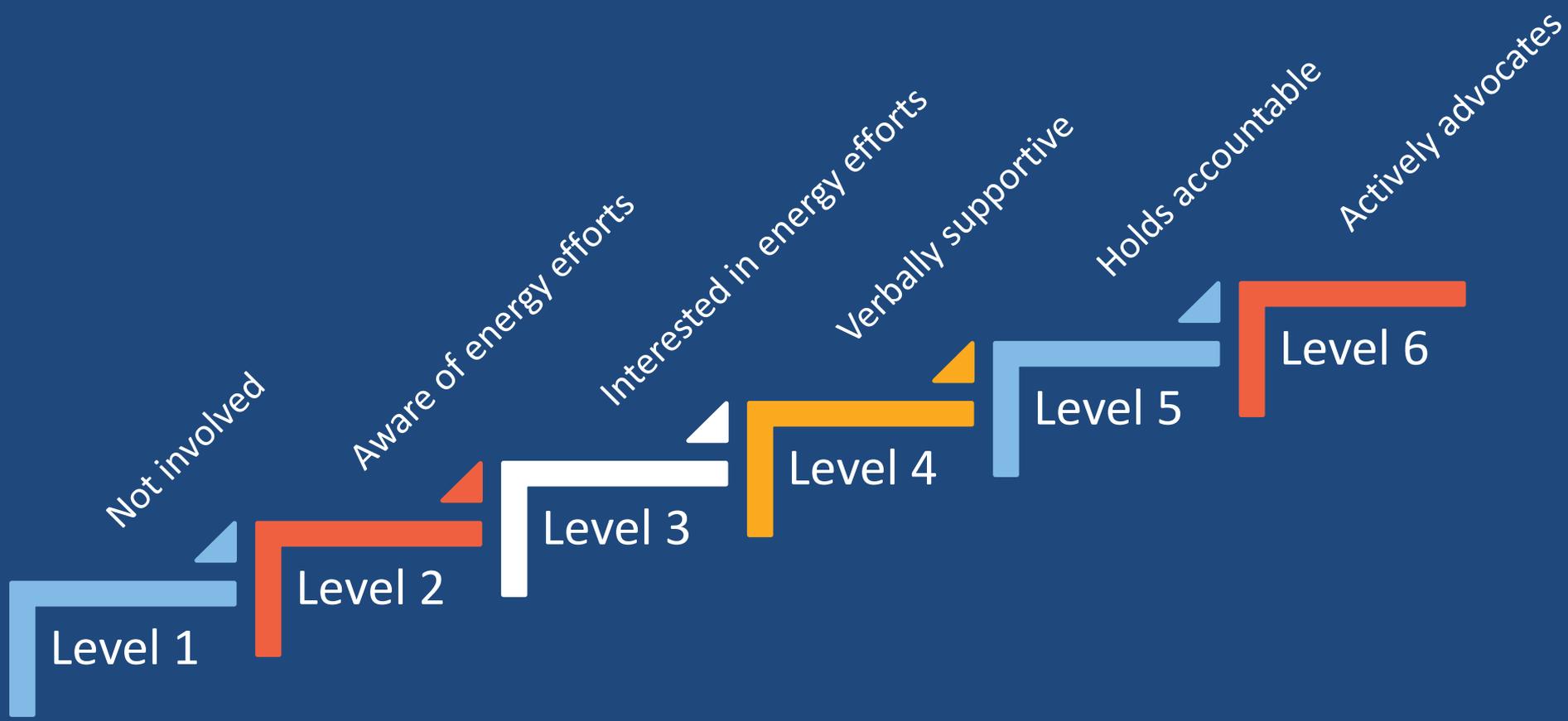
Please provide any additional details about these items, including how you would improve any or all of them.

## Q9 Please tell us which area in your work space has the greatest potential to save energy. Please rank your answers on a scale of 1 to 5, with 1 being lowest potential and 5 being highest potential.



# Dynamic Engagement Events





# Targeted Executive Engagement

# Focused Executive Engagement

## Identifying an Energy Executive Sponsor

Place checks in the boxes of this table to get an idea of who might make the ideal energy executive sponsor for your organization.

	Your supervisor	Operations VP/Director	Sustain. VP/Director	Other VP/Director
Prioritizes cost control	X	X		
Prioritizes sustainability	X	X	X	
Will meet with energy champion monthly	X			X
Will review energy reports and action plans		X	X	
Will remove barriers in other departments				X
Will...				

# Dynamic Treasure Hunts for Operational Savings



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¡Muchas Gracias!  
¿Preguntas o ideas?



Stillwater  
ENERGY