



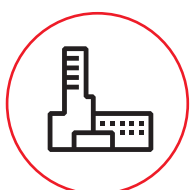
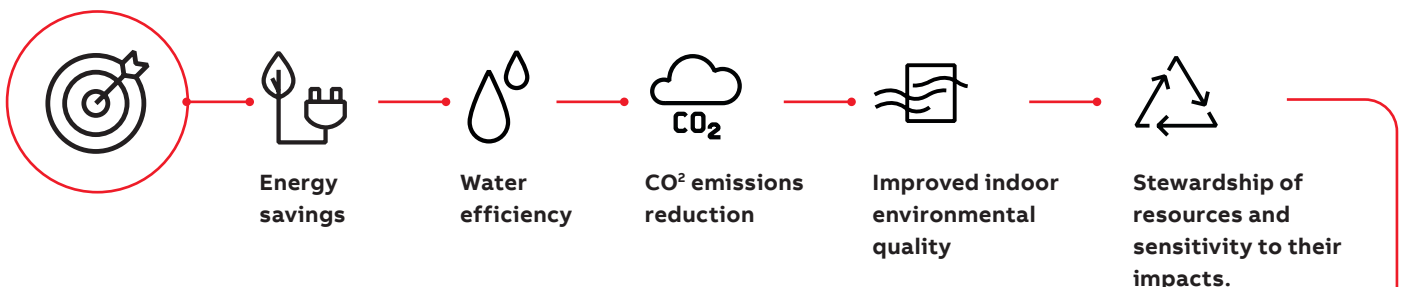
# ABB Ability™ Energy Manager and LEED® V4.1 BD+C certification

## Sustainable buildings and human comfort

**LEED** green building program (Leadership in Energy and Environmental Design) is an internationally recognized green building certification system, providing third-party verification that a building or community was designed and built using strategies aimed at improving performance across all the metrics that matter most.

“ The rigorous focus on material selection, human comfort, air quality and human health features of a building rightly prioritizes the most important asset of the building: human beings. ”

[usgbc.org/leed/v41](https://www.usgbc.org/leed/v41)



**LEED is flexible enough to apply to all building types:** commercial as well as residential.



**Developed by the U.S. Green Building Council (USGBC),** LEED provides building owners and operators a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions.



## Buildings certification levels

LEED provides a point system to score green building design and construction. The system is categorized in nine credit categories:

- Integrative process
- Location and transportation
- Sustainable Sites
- Water Efficiency
- Energy and Atmosphere
- Materials and Resources
- Indoor Environmental Quality
- Innovation
- Regional priority

Buildings are awarded points based on the extent various sustainable strategies are achieved. The more points awarded the higher the level of certification achieved from Certified, Silver, Gold, to Platinum.



**LEED  
 CERTIFIED**  
 40 - 49 points



**LEED  
 SILVER**  
 50 - 59 points



**LEED  
 GOLD**  
 60 - 79 points



**LEED  
 PLATINUM**  
 80+ points



## What is the USGBC?

A non-profit community of leaders working to promote environmentally sustainable buildings.



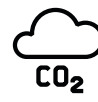
## What is LEED and why is it important?



Certification rating for various building types



Accelerates adoption of existing buildings



Implements universally understood performance criteria



## Who uses LEED?

- Facility managers
- Real estate professionals
- Engineers
- Construction managers
- Specifiers (architects, interior designers)
- Contractors
- Government officials

## ABB Ability™ Energy Manager and LEED certification: what is our contribution?

LEED Category		Credit Points (punti crediti)
Integrative process	Prerequisite	Integrative project planning and design [healthcare]
	Credit	Integrative process
Water efficiency	Prerequisite	Building level water metering
	Credit	Water metering
Energy and Atmosphere	Prerequisite	Prerequisite - fundamental commissioning and verification
	Credit	Enhanced commissioning and verification
	Prerequisite	Minimum energy performance
	Credit	Optimize energy performance
	Prerequisite	Building level energy metering
	Credit	Advanced energy metering
	Credit	Renewable energy production
Materials and Resources	Credit	Sourcing of Raw Materials
	Credit	Construction and demolition waste management
	Credit	Material Ingredients
	<b>Total potential credit points</b>	

