DID YOU KNOW?

Many of the sustainability requirements in California's Title 24 2022 Green Building Standards Code (CALGreen) already align with LEED BD+C Prerequisites. Projects that comply with CALGreen can automatically meet LEED prerequisites and earn points toward certification—helping streamline the process while achieving higher energy efficiency, improved water conservation, and enhanced indoor environmental quality.

HOW DOES THIS HELP OUR PROJECTS?

- **CALGreen compliance streamlines LEED certification – many credits are already met by default.**
- **LEED points can be earned with small additional steps, such as improving documentation or exceeding baseline requirements.**
- **Our projects aren't starting from scratch – we are already integrating sustainable design through compliance with California's codes.**

CALGREEN REQUIREMENTS

This credit promotes outdoor lighting that reduces glare, skyglow, and light spilling into unwanted areas. CALGreen limits lighting power and requires shielding on some fixtures. LEED goes further—requiring all lights to be fully shielded and to meet strict glare and brightness ratings. Motion sensors, timers, and warm-color LEDs can help meet the credit.

To earn this credit, projects must cut outdoor water use. CALGreen already requires a 40% reduction. LEED gives 1 point for 50% reduction and 2 points for no irrigation after plants are established. Using drought-tolerant plants, drip systems, and rainwater collection can help reach these goals.

LEED rewards projects that save more water than CALGreen's 20% baseline. A 30% reduction gets 2 points, 40% gets 4, and 50% or more earns the full 6 points. Low-flow fixtures, efficient appliances, and instant hot water systems all contribute.

LEED gives points for going beyond California's energy code (Title 24). CALGreen compliance is a good start, but saving 6% more earns 1 point—and up to 18 points are possible with 50%+ savings. High-efficiency HVAC, smart lighting, and on-site solar help boost savings.

CALGreen requires recycling at least 65% of construction waste. LEED raises the bar to 75% and asks for detailed tracking. Reusing salvaged materials can also help earn points.

Protecting indoor air during construction is key. CALGreen already requires dust and pollution controls. For LEED, projects must follow SMACNA guidelines—like covering ducts, using MERV 8 filters, and keeping materials dry—to earn 1 point.

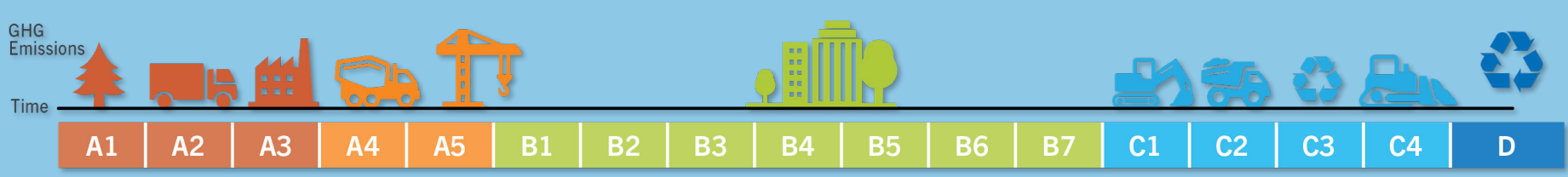
LEGEND

✓ Prerequisite is automatically achieved by adhering to CALGreen.

○ Credit can potentially be earned through CALGreen compliance. Taking additional steps, providing documentation, or exceeding minimum requirements may be needed to earn credits.

LEED V4.1 BD+C: HEALTHCARE SCORECARD PROJECT CHECKLIST

Y	?	N			
✓			Prereq	Integrative Project Planning and Design	Required
			Credit	Integrative Process	1
Location and Transportation					**9**
✓			Credit	Sensitive Land Protection	1
Sustainable Sites					**9**
✓			Prereq	Construction Activity Pollution Prevention	Required
○			Credit	Light Pollution Reduction	1
Water Efficiency					**11**
✓			Prereq	Outdoor Water Use Reduction	Required
○			Credit	Outdoor Water Use Reduction	1
○			Credit	Indoor Water Use Reduction	7
Energy and Atmosphere					**35**
✓			Prereq	Fundamental Commissioning and Verification	Required
✓			Prereq	Minimum Energy Performance	Required
✓			Prereq	Building-Level Energy Metering	Required
○			Credit	Optimize Energy Performance	20
Materials and Resources					**19**
✓			Prereq	Storage and Collection of Recyclables	Required
✓			Prereq	PBT Source Reduction- Mercury	Required
○			Credit	Construction and Demolition Waste Management	2
Indoor Environmental Quality					**16**
✓			Prereq	Minimum Indoor Air Quality Performance	Required
✓			Prereq	Environmental Tobacco Smoke Control	Required
○			Credit	Construction Indoor Air Quality Management Plan	1



*colorized section of the carbon lifecyle analysis are relevant to the content on this poster

EARTH WEEK: APRIL 21-25, 2025

Presented by the R&S Sustainability Committee