CalGreen General Resources

Update Log

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CalGreen SEAOC/AIA Webinar Series

Part 1 - Overview

Recording/Slides

 Link: <u>https://aiacalifornia.org/event/new-calgreen-embodied-carbon-measures-webinar-series-coming-soon/</u>

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Where to start

- <u>Calgreen code access</u> (FREE)
- CALGreen State Supplementary Guidance
- Local Energy Codes <u>CALGreen Fact Sheet</u>
- AIA + CLF Toolkit for Architects

Coming Soon

- ASHRAE 240P (public review)
- SEI Pre-Standard for Assessing the Embodied Carbon of Structural Systems for Buildings (pending)

Part 2 - Whole Building Life Cycle Assessment (WBLCA)

Recording

Link: https://aiacalifornia.org/event/new-calgreen-whole-building-life-cycle/

Slides

Link:

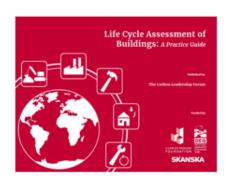
□ 240313_AIA+SEAOC CalGreen Webinar - WBLCA.pptx

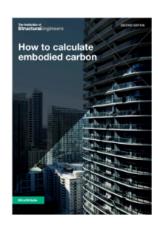
Learn more about WBLCA

- CLF LCA Practice Guide (2019)
- CLF Material Baselines (2023)
- SE 2050 Resources and Design Guidance
- IStructE How to Calculate Embodied Carbon
- IStructE, Buro Happold, Sensitivity Study
- Arup, Carbon Footprint of Facades
- Priopta, 2023, Embodied Carbon 101
- Building Transparency Resources
- CLF Wood Carbon Seminars









Part 3 - Prescriptive Path

Recording

 Link: <u>https://aiacalifornia.org/event/implications-of-material-procurement-for-design-professionals/</u>

Slides

Link: 240410_AIA+SEAOC CalGreen Webinar - Prescriptive Path.pptx

Learn more about the Prescriptive Path, or "Buy Clean" approach:

General

- Embodied Carbon in Construction Calculator (EC3)
- Sustainable Minds Transparency Catalog
- SE 2050 Specification Guidance
- Carbon Leadership Forum Material Baselines

Steel

- Nucor Steel Spec Guidance
- AISC Sustainability Webpage
- AISC Environmental Product Declarations
- AISC Who Makes the Shapes You Need?
- STI HSS Producers Capability Tool

Concrete

- NRMCA Guide to Improving Specifications for Ready Mixed Concrete
- Central Concrete, Spec Guide: Capturing the Value of Low Carbon Mixes
- NRMCA Guide to Specifying Concrete for LEED v4
- NRMCA Environmental Product Declarations
- Climate Earth Locate a Concrete Producer offering Instant On-Demand EPDs
- NRMCA Concrete Carbon Calculator

Glass

- Review of decarbonization options for the glass industry
- Arup, Carbon footprint of facades: significance of glass

Insulation

- Which insulation most effectively reduces whole-life carbon (embodied and operational)?
- Gensler Product Sustainability Standards (GPS Standards v1.0)