

EDUCATION

- Distribute a firm-wide email announcement about Coughlin Porter Lundeen's pledge to join the SE 2050 Commitment.
- Provide a brief narrative on Coughlin Porter Lundeen's website describing how we are promoting a firm-wide education program for embodied carbon reduction and the firm's commitment to SE 2050.
- Nominate Laura Lindeman as the firm's Embodied Carbon Reduction Champion. See attached for a brief profile.
- Laura Lindeman presented to the company on Embodied Carbon on January 7, 2021. This presentation has been recorded and will be provided as a resource in our orientation/on-boarding programs.
- Laura Lindeman and Eric Anderson will continue to attend monthly external education programs provided by the Carbon Leadership Forum (CLF).
- Share the SE 2050 library of resources with Coughlin Porter Lundeen technical staff.
- Share embodied carbon reduction strategies with Coughlin Porter Lundeen as outlined in Top 10 Carbon Reducing Actions for Structural Engineers document produced by SE 2050.
- Laura Lindeman's ongoing participation in the CLF Seattle Community Hub.

REPORTING

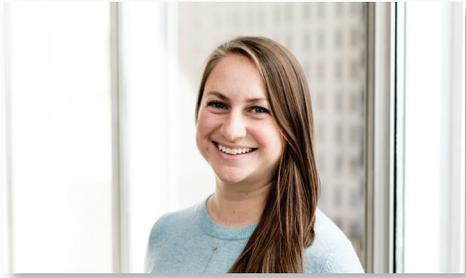
- Provide a narrative about Coughlin Porter Lundeen's plans to measure, track, and report embodied carbon data. Create a draft by March 1, 2021; this will be the introduction to the firm's training guide (see next).
- Provide an internal training guide for embodied carbon measurement, including access to EC3 and EPDs, when/how to use Tally, and how to accurately derive material quantities from REVIT.
- Submit a minimum of two Coughlin Porter Lundeen projects annually to the SE 2050 Database.

EMBODIED CARBON REDUCTION STRATEGIES

- Provide a narrative setting qualitative embodied carbon reduction goals for Coughlin Porter Lundeen focused on education for the coming year.
- Calculate Coughlin Porter Lundeen's average benchmark for embodied carbon (for year one).

ADVOCACY

- Provide a narrative about Coughlin Porter Lundeen's plan to share knowledge and data to accelerate adoption of embodied carbon reduction.
- Describe the value of SE 2050 to clients focusing on how Coughlin Porter Lundeen and our clients can collaborate to drive adoption.
- Declare Coughlin Porter Lundeen as a member of the SE 2050 Commitment on boilerplate proposal language.
- Share Coughlin Porter Lundeen's commitment to SE 2050 on our company website.
- Start an embodied carbon community of practice and mentorship program at Coughlin Porter Lundeen.



Laura Lindeman P.E. **Structural Project Engineer**

EDUCATION

M.S. Civil Engineering – Structures, University of Washington
B.A., Mathematics-Physics, Whitman College

REGISTRATION

P.E.: California

Laura uses her strong analytical and design skills to provide effective and appropriate sustainable solutions for Coughlin Porter Lundeen projects. She participated in the early adoption of the Embodied Carbon in Construction Calculator (EC3) tool for the 3 million SF Microsoft Redmond campus modernization and leads integration of the EC3 tool as a firm-wide standard for carbon tracking.

In support of the firm's commitment to the SE2050 Challenge, Laura coordinates the tracking and reporting of project embodied carbon levels. She manages the assessment and calculation of the embodied carbon footprint for current projects and is responsible for setting future reduction goals. Her advocacy efforts include leadership of the firm's Sustainability Task Group and active involvement with the Carbon Leadership Forum Seattle Hub.