

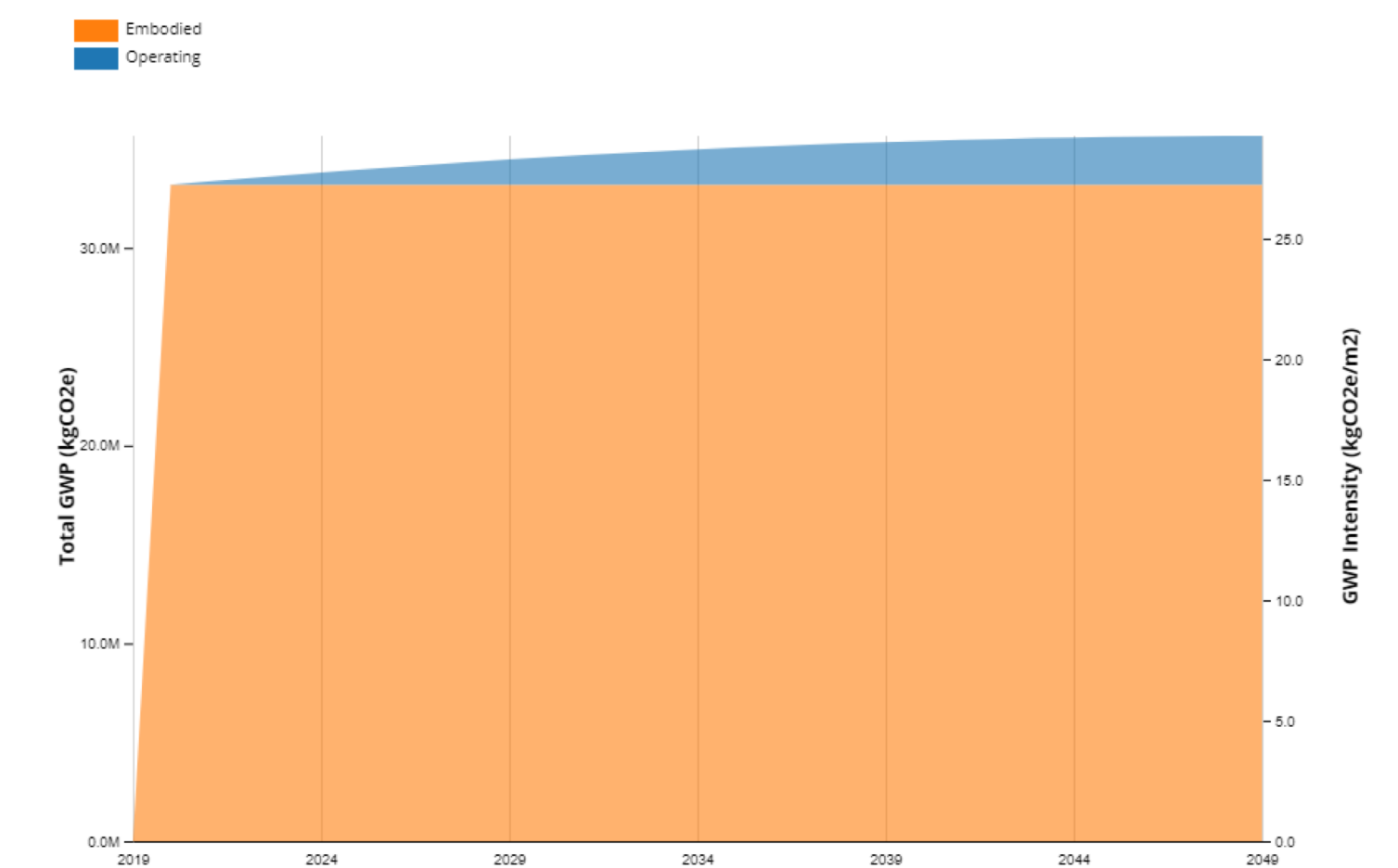
### Internal Projects and Accomplishments At Webcor Builders

- Developed a dashboard for all Webcor LEED projects to track progress toward waste and materials LEED credits
- Developed a company-wide sustainability dashboard to track aggregate data on LEED projects as well as internal metrics like employee LEED training and green team initiatives
- Restructured data collection and storage processes for LEED champions across all projects
- Created a commute survey to determine the methods and frequencies of certain forms of employee commuting, as well as to inform the creation of better transportation benefits programs
- Facilitated the 2020 company-wide textile drive with Salvation Army
- Redesigned the waste tracking sheet for LEED documentation and other internal metric tracking sheets
- Completed research on jobsite carbon emissions and created an info sheet to educate project staff on relative emissions intensities at the jobsite
- Participated in testing and implementing the EC3 tool for calculating the embodied carbon associated with building materials
- Participated in monthly Bay Area Sustainable Construction Leaders meetings and attended Municipal Green Building Task Force meetings at SF DOE
- Helped kick off TRUE Zero Waste certification and development of an environmentally preferable purchasing guide for one of our jobsite offices
- Helped facilitate WELL testing at our SF office
- Became LEED GA and LEED AP BD+C accredited

### Background on Embodied Carbon In Construction

**Embodied carbon** – emissions associated with the materials and processes that constitute the physical building structure

**Operating carbon** – emissions associated with keeping a building running over the life of the building



### Strategies for Reducing Embodied Carbon in Construction

- Engage project owners as early as possible for buy-in on embodied carbon reduction strategies and goals
- Limit the quantity of material sourced for the project as much as possible
- Spec low-carbon concrete when possible, or limit the concentration of cement in concrete
- Compare material suppliers and choose materials with environmental product declarations (EPDs) that have the lowest global warming potential
- Source locally
- Limit over-ordering and change orders
- Fine-tune project scheduling to avoid wasted material, especially concrete
- Salvage building materials for reuse onsite during demolition

