

Benefits of Estimating & Tracking Project Cost & Carbon:

- ▲ Compliance with carbon emission mandates & reporting regulations
- ▲ Improve organization's competitive advantage
- ▲ Increase productivity and reduce project costs using one platform
- ▲ Attract employees and investors; and please shareholders
- ▲ Reduce waste and assist in tracking other sustainability initiatives
- ▲ Hold project vendors/ third party contractors accountable for carbon
- ▲ Carbon rates held at resource and group levels

“There is as much carbon in the building phase as the first 30 years of operation.”

ARES PRISM Cost & Carbon in-a-box for Construction Projects

Estimating and tracking the carbon and greenhouse gas (GHG) emissions of your construction and capital projects is now as easy as estimating and tracking project cost data. ARES PRISM enables project organizations to automate and simplify the estimation, management, and reporting of their GHG and energy usage data.



Project Carbon Tracking: Why ARES PRISM Cost & Carbon in-a-box?

ARES PRISM is leading the way in project cost and carbon estimation and tracking. The carbon emissions of projects and programs can be estimated and measured, and thereby improved and delivered upon, with ARES PRISM cost & carbon in-a-box. Building and infrastructure projects account for 38% of total global emissions. We understand that organizations need to make decarbonization efforts for capital and infrastructure projects delivery.

Within the ARES PRISM Cost & Carbon in-a-box, carbon assessments are produced back-to-back with costs, ensuring they wholly reflect the exact same scope as costs. Both carbon and cost assessments are now produced via a highly integrated and automated process rather than two separate silos.



Project Cost & Carbon Estimating & Tracking



Cost & Carbon Tracking with ARES PRISM

EPCs and project organizations cannot improve upon what is not being tracked and measured, so we worked to align with government agency standards, regulations, and best practices to help. Companies are already tracking and managing project costs, there is no reason for projects to not be estimating and tracking GHGs and carbon emissions in the same solution..

With ARES PRISM, project organizations are enabled to mitigate carbon impacts and the budgetary costs associated with carbon avoidance. By providing a single place where users can trade off cost and carbon, project managers can maximize the likelihood of both project management and project sustainability succeeding.

ARES PRISM makes estimates transparent and simple to maintain from the first concept of a project all the way through to the project's life cost and carbon operating values. To enable organizations to deliver the best value, ARES PRISM Cost & Carbon in-a-box aligns with PAS2080 which offers a framework for calculating carbon in all aspects of the asset lifecycle. ARES PRISM Cost & Carbon in-a-box features built-in carbon rates that align with BCIS and CESMM4. This dataset is fully tailorable to accommodate whole lifecycle carbon within the software.

The solution can easily align and integrate with many systems and has elemental assemblies capability to fully align with BIM models. These smart data models (assemblies) and data sets are aligned with asset values that allow the creation of more consistent project carbon estimates.

