Owner's Guide to Maximizing Success in Integrated Projects



Dr. Keith Molenaar, University of Colorado at Boulder Dr. John Messner and Dr. Robert Leicht, Pennsylvania State University

Purpose and Goal

There is a growing need among building owners for evidence that compares the performance differences of various project delivery methods. Due to restrictive procurement requirements and the lack of objective project data to support decision-making, owners often select delivery methods based on their personal preference or comfort level. The goal of this research study is to produce an empirical guide of successful owner practices that considers how project performance is impacted by the owner's role, degree of system integration, team behaviors and delivery method in the building design and construction industry.

Relevance to Industry

With a research team led by the University of Colorado at Boulder and Pennsylvania State University, this study will collect detailed project performance data using a survey questionnaire to build a project delivery database. The database will become the engine that informs industry deliverables, including owner's guides written for various industry sectors and owner experience levels that offer how-to guidance for setting up and participating in a successful building project. A copy of the guides will be made available to study participants on request.



If you have any questions about the study, contact:

Dr. Keith Molenaar keith.molenaar@colorado.edu Campus Box 428 Boulder, CO 80309 Dr. Robert Leicht rmleicht@engr.psu.edu 104 Engineering Unit A University Park, PA 16802

Participation

Participation in this research study consists of completing either a web or paper-based survey for at least one building project finished within the last 5 years. The respondent filling out the survey should be a member of the team who actively participated in the project. Prior to starting the questionnaire, which should take between 20-30 minutes, respondents are encouraged to have the following project information available:

- Project size (gross square-footage, number of floors)
- Overall project and construction costs (*initial and final contracted costs*)
- Project schedule (*initial and final design*, *construction and operation dates*)
- · Primary sustainability and safety metrics

Following completion of the questionnaire, participants will be contacted be a member of the research team. The purpose of this follow-up effort is to confirm key data points, discuss any unique conditions contributing to the project's performance and collect lessons learned related to the success of the project.

Advisory Board and Industry Contributors

