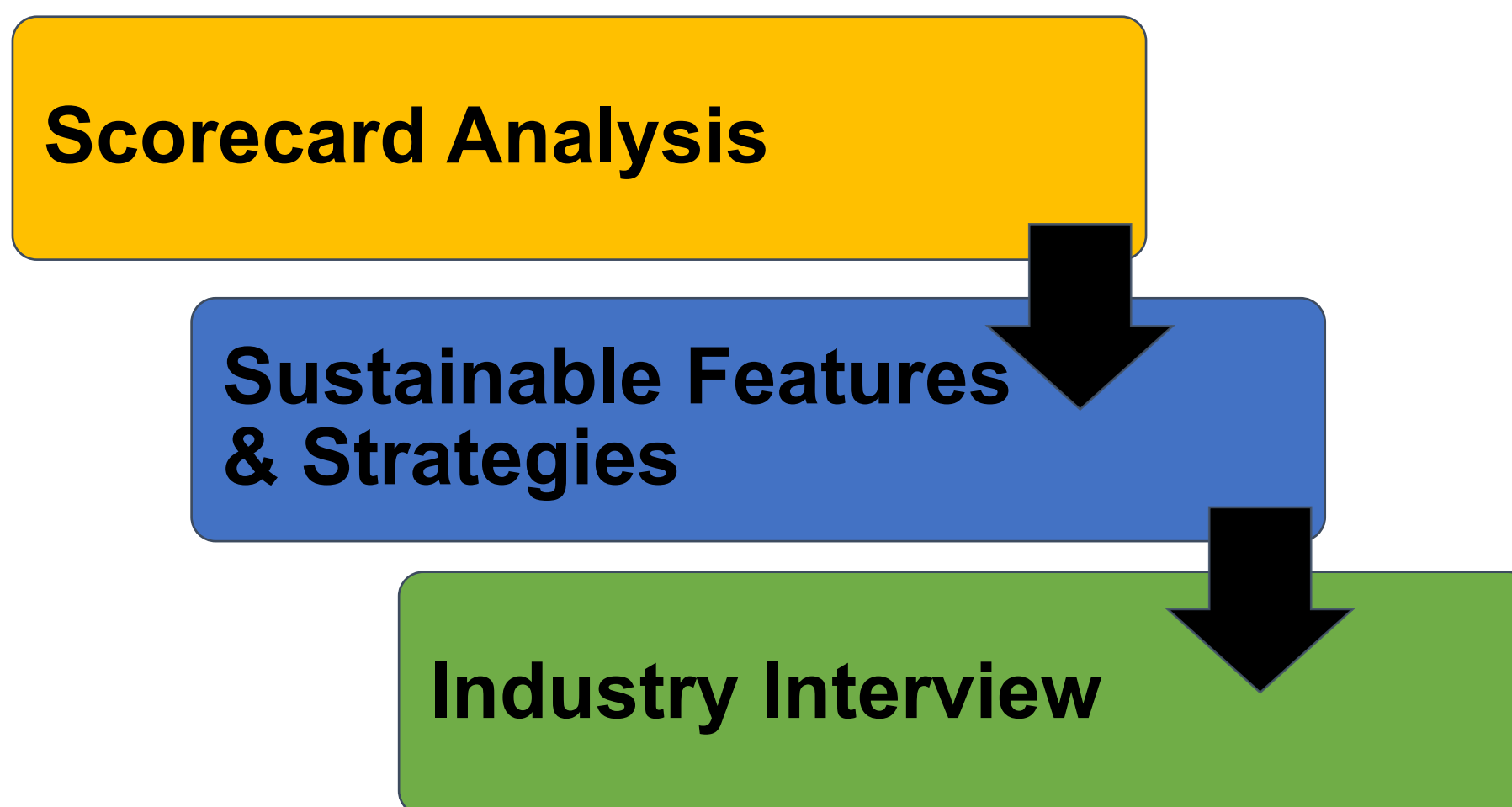


Sustainable Building Techniques in Levi's Stadium: A Case Study

Methodology



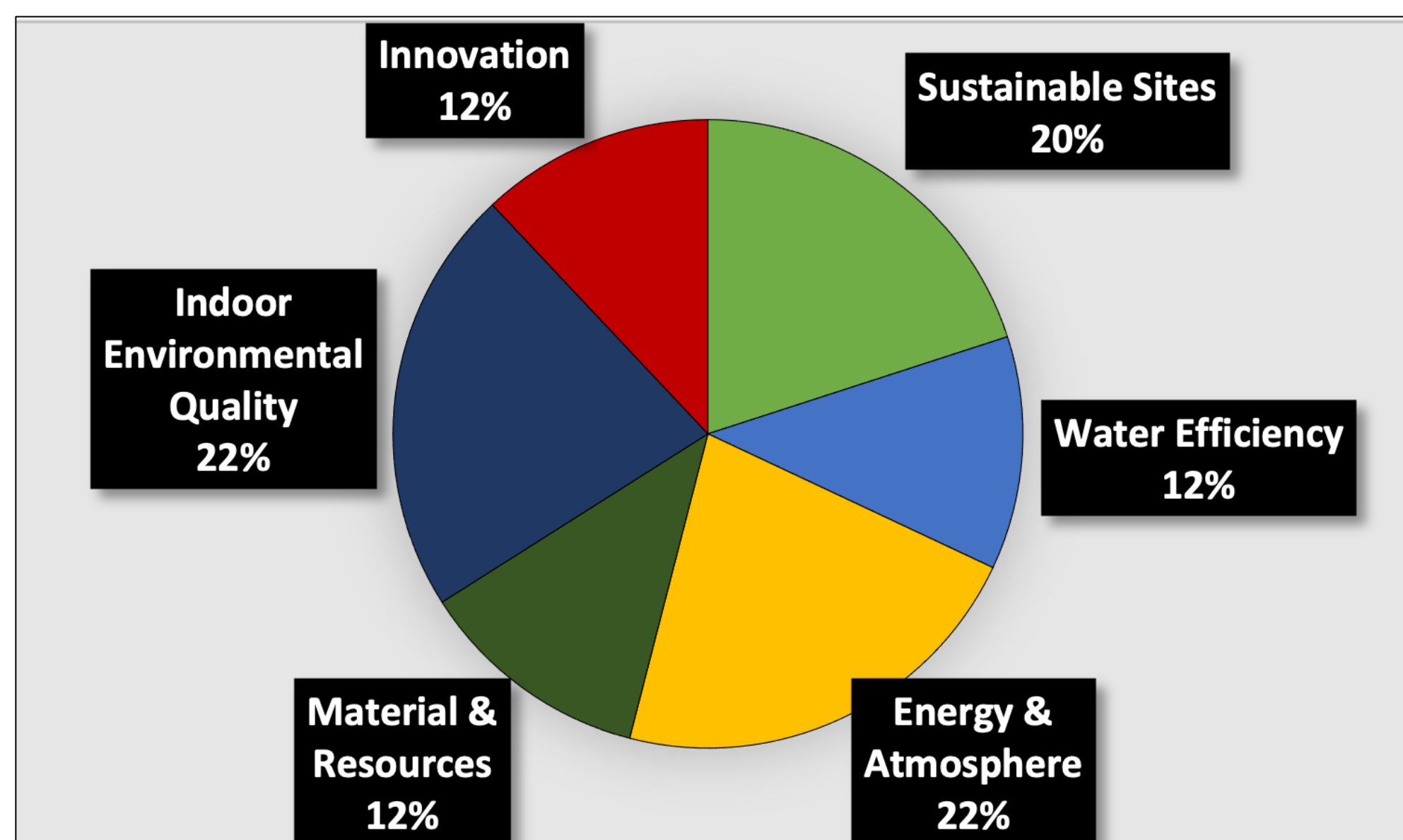
Abstract

This study aimed to analyze the sustainability of Levi's Stadium in Santa Clara, California through an analysis of its LEED certification. Levi's Stadium was the first professional sports stadium to receive LEED Gold certification in 2014, at a time where a focus on green building practices was becoming an industry standard. This analysis aimed to determine what features and strategies the project team utilized to ensure their certification, and investigated the scorecard used to award points toward LEED certification. Finally, a more personal and detailed take on the process was collected through an interview with an employee that led sustainability efforts on the project. Through this analysis, the study intended to establish the pathway that a stadium project should take to find success in sustainability. With the information gathered, it was determined that the strategies Levi's Stadium utilized were successful and trailblazing, and further case studies conducted on more recent professional sports stadiums would provide a clearer and more current picture of the recent landscape surrounding the sector.

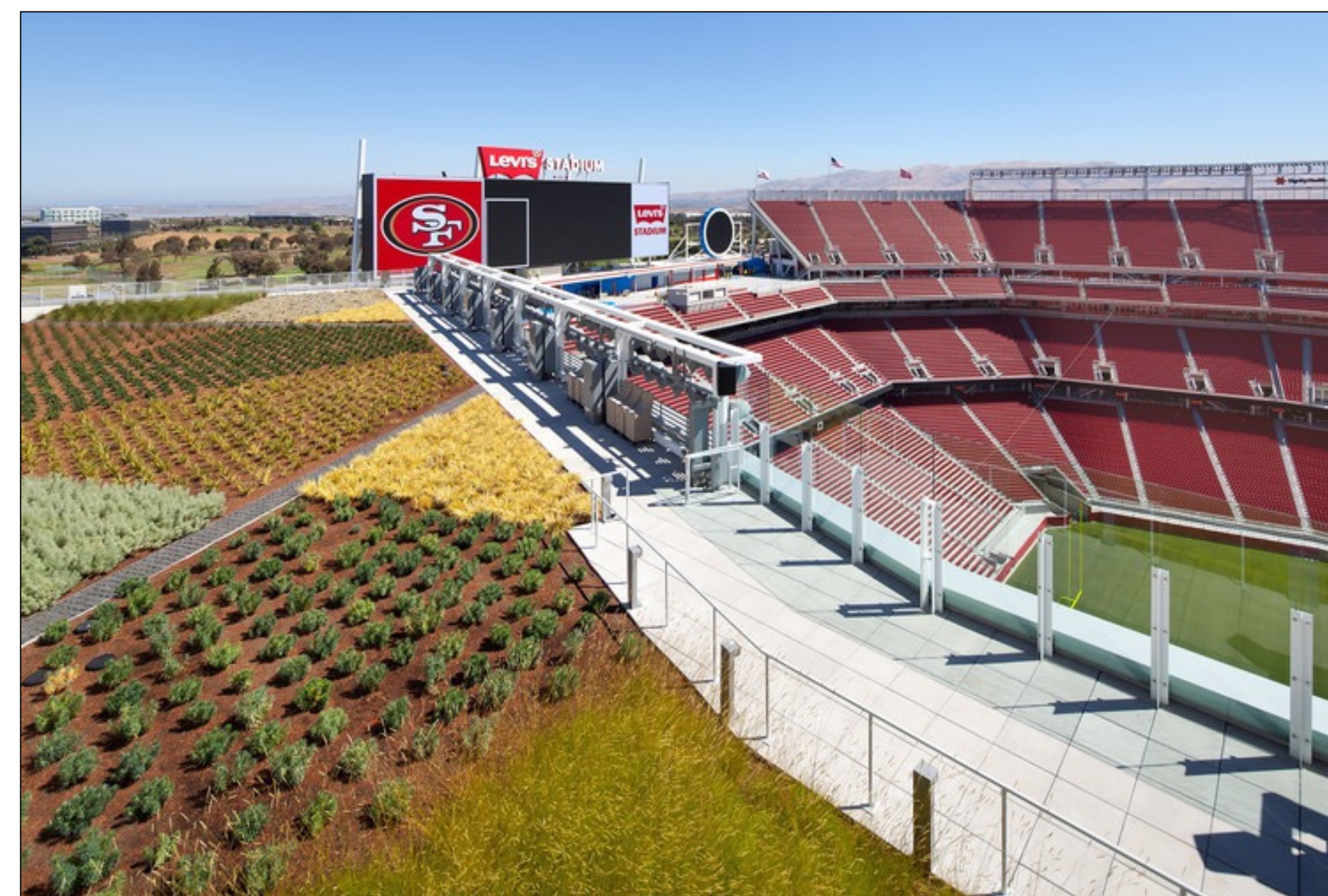
Goals

- Identify successful sustainable techniques used on this project
- Provide a roadmap for the green building of future stadiums

LEED Certification Scorecard Point Distribution



Levi's Stadium Santa Clara, California



Source: ArchDaily

Percentage of Points Earned Within Scorecard Categories

