

Early Stage Justification for Sustainability Features



Project Description

A new office is being considered on the SFO campus, and the airport wanted to better-understand three sustainability investments at the planning stage.

They were considering either pursuing Net Zero EUI, having 80% of the roof as PV or creating a vegetated plaza for employees to enjoy.

Strategies Assessed



Upfront costs



Natural gas



Urban heat island



Electricity use



Landscaping



Renewables

PARTNERS
SFO

DESIGN PHASE
Planning

BUILDING TYPE
Office Space

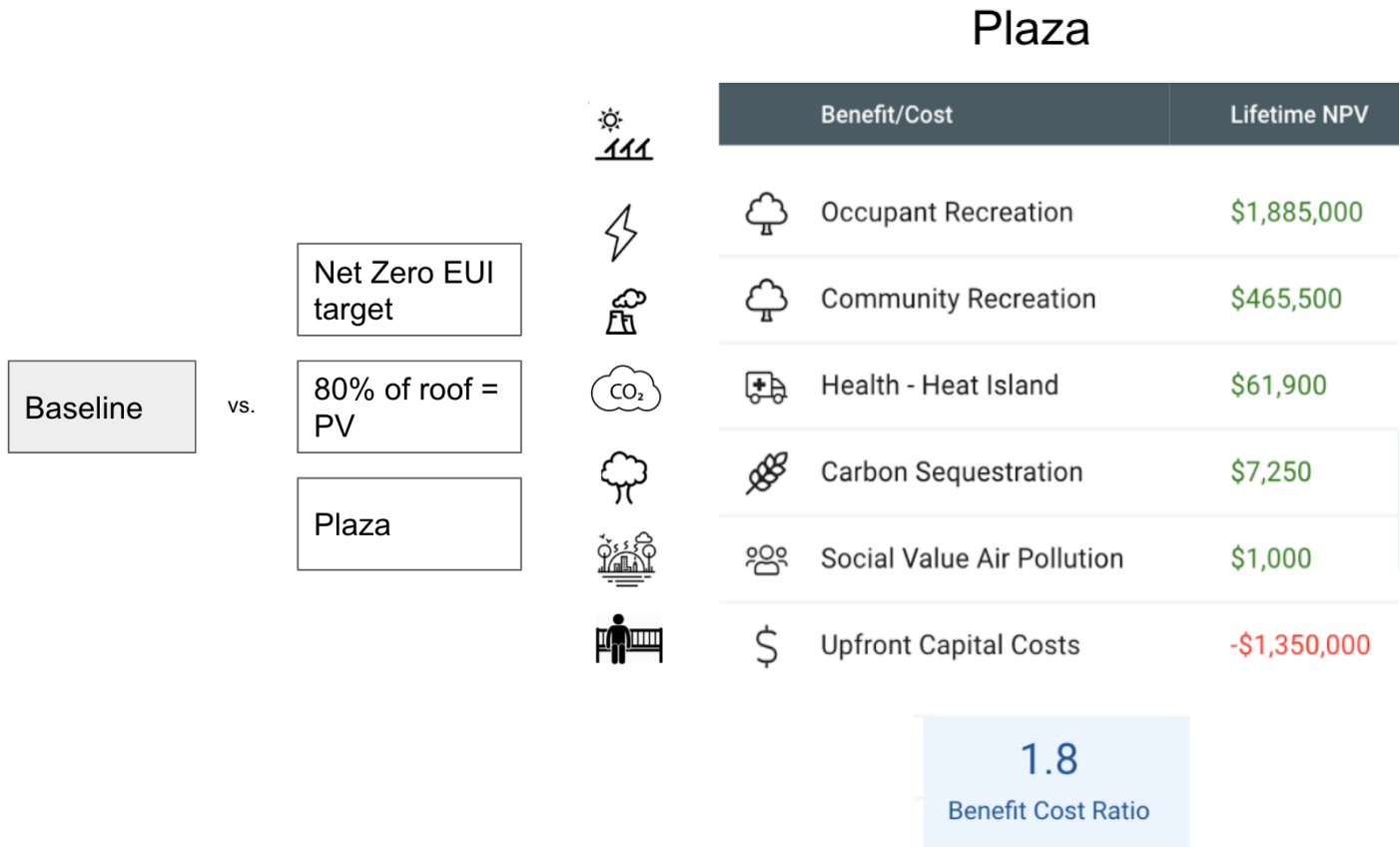
SIZE
<200,000 sq ft

LOCATION
California

How Autocase was Used

The team created a design alternative for each of the three strategies, and entered in energy data, renewable energy potential, and amount of green space being added.

Each strategy was then compared independently to the baseline.



The Outcome

Autocase showed the financial, social, and environmental benefit of each investment as well as comparing it to the upfront cost.

SFO can now justify sustainable investments at the very earliest stages of the project.

Want to learn more?

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