

Project Abstracts

SOS 498/594 Urban Sustainability Best Practice Applications Project Presentations

Title: Green vs Green: Alternative Fuels and Energy Efficiency in the City of Scottsdale

Description: In recent years, the City of Scottsdale has made significant investments in alternative fuels which have both benefits and drawbacks. This project aims to quantify these benefits and tradeoffs, in hopes that it will reinforce what the City of Scottsdale is currently doing or help them move toward new areas that will yield greater benefits. In terms of energy efficiency, this project aims to analyze the City of Scottsdale's current energy usage in order to provide recommendations on how to improve overall energy utilization and effectiveness.

TITLE - Green Gilbert : The Unexplored Potential in Bulk Waste

DESCRIPTION - The town of Gilbert realizes that in order to transform into a modern sustainable community of the future, it is vital to cater to the growing population, changing consumption patterns, and put into place effective solid waste management practices. This project aims to analyze Gilbert's current bulk waste program, review best management practices followed by other cities and make recommendations for a more integrated operations approach from economic, environmental and social standpoints.