

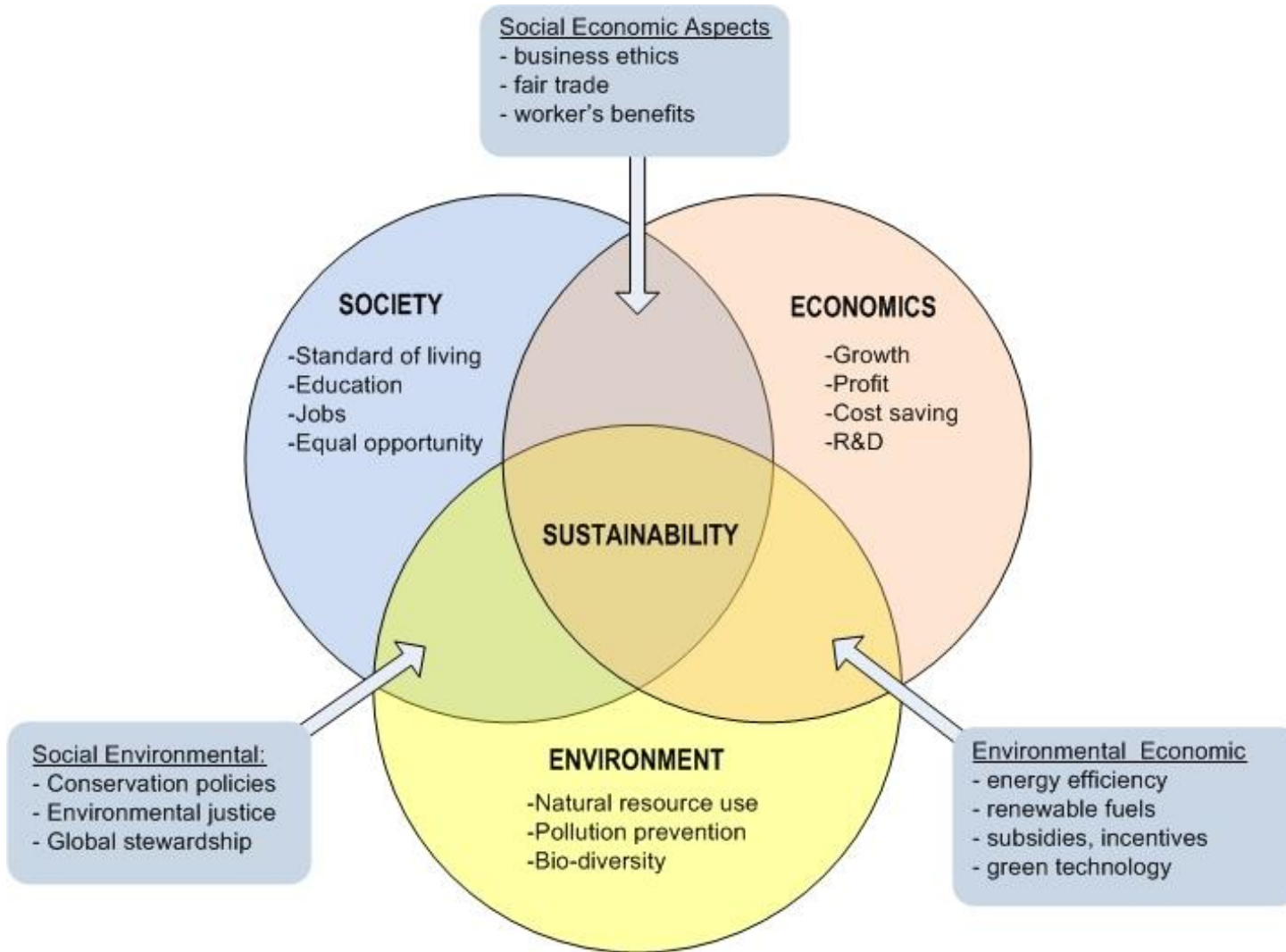
Creating Communities of Practice to Promote Sustainability

: A Framework for Organizational Change

SANG-A LEE

DR. RYAN WALLACE

DR. HAYDEE MARIA CUEVAS



Sustainability

Current Sustainability Practices at ERAU

Robotic Food Delivery Reduces Emissions

Electric Vehicle Charging Stations

Saving Energy with a Chilled Water System

Diversity and Inclusion

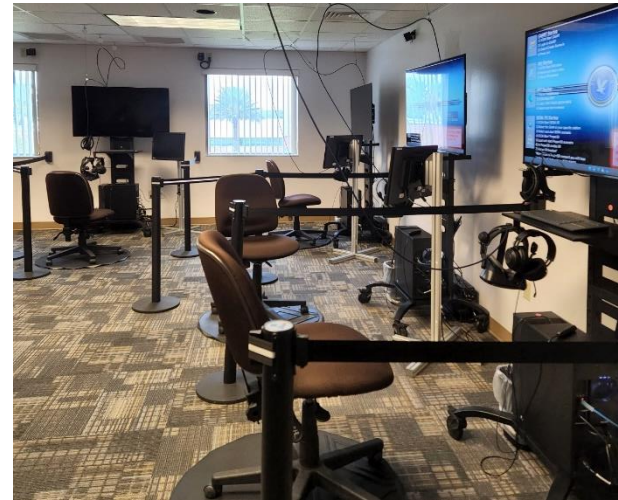
Free SGA Shuttle Service

Electronic Forms Management

Distribution of digital information instead of printing

Current Sustainability Practices at ERAU

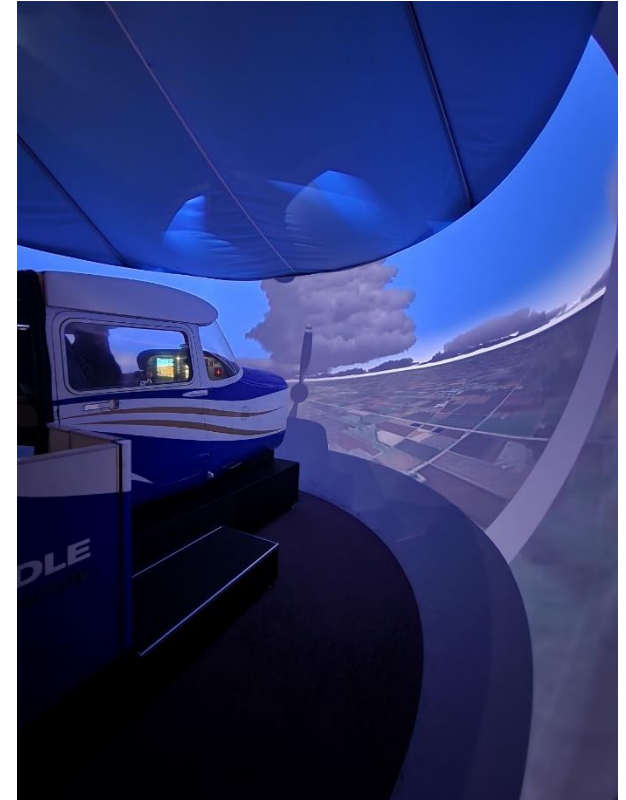
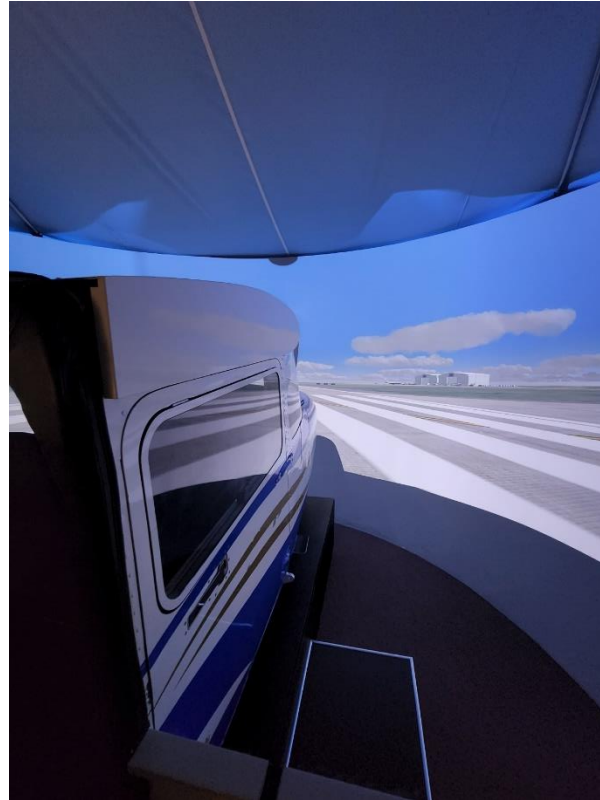
VR simulator training for pre-flights



Current Sustainability Practices at ERAU



Sustainability Practices at ERAU (G1000)



Current Sustainability Practices at ERAU

Reuse and Recycle Equipment



Current Sustainability Practices at ERAU

Handling Fuel



Opportunities for Sustainability

Use of disposables in the break rooms

All the food wastes are combined with trash

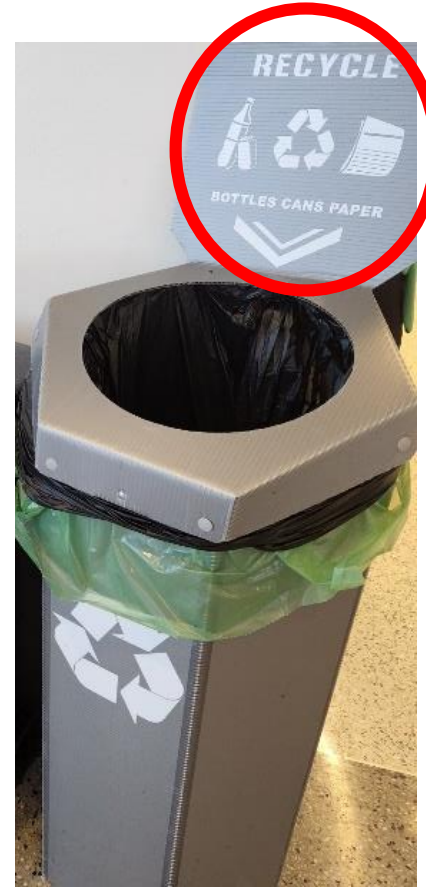
Compost all food scraps, used compostable containers & utensils, tea bags & coffee grounds, napkins, paper towels & wooden stirrers



Landscaping Around ERAU



Recycle



Suggestions

Reuse and share centers

Replace paper towel dispensers with hand dryers

Track the tonnage of waste on campus

Interactive sustainability maps (with water bottle stations, reuse and share centers, recycling bins, composter, transportation)



Example of a Sustainability Map

Conclusions

By creating a community of practice, we can better integrate sustainability practices and make them a part of the accepted corporate culture.

Effective sustainability practices can generate:

- Organizational economic benefits
- Positive employee rapport
- Enhanced community goodwill