



CLIMATE  
CORPS

# SFO Sustainability

## San Francisco International Airport

Climate Corps 18-19

### Sustainability Initiatives



#### Climate Action Plan



- Streamlined CAP report for ease of data organization and analysis in coming years.
- Drafted global review of FY 2018 GHG emissions in report
- Increased precision and accuracy of GHG estimating for certain datasets, particularly in Scope 3, as well as updated with current emission factors.

#### “Healthy Concessions” Plastic-Free SFO

- Researched and documented initial reasoning to ban single-use, fossil-fuel based plastics as impact to triple bottom line
- Collaborated with stakeholders to determine market availability, and ease of policy adoption.



#### Tenant-Level Energy Auditing Services

- Conducted inspections of tenant commercial spaces (constructed and pre-constructed) to inventory appliances and recommend energy efficient alternatives and associated ROI and cost and energy savings.
- Developed SOW and guided consultant to takeover energy auditing services once I depart.

#### Decarbonization of Commercial Kitchens

- Developed Airport electrification feasibility study through commercial kitchen appliances. Discovered market availability, financial impact, GHG emission savings, and energy demands.



### Sustainable Results



#### A Plastic-Free SFO

- Airport Director signed executive directives and Airport bulletins/policies for plastic free concessions, leading a plastic-free industry.



#### Climate Action Plan Report

- A full scope, in-depth review of our current emissions and where they are headed, and how we will need to get to zero to be published soon.



#### A Natural Gas-Free Terminal

- Redevelopment of Terminal 3 will not include natural gas, a pilot for the Airport

### Wisdom Which Sustained

#### Key Takeaways

- |                      |              |                                 |
|----------------------|--------------|---------------------------------|
| • Data analytics     | • Teamwork   | • Stakeholder engagement        |
| • Persuasive writing | • Adaptation | • Cost and Emissions Estimating |
| • Leadership         | • Resilience | • Project Management            |



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