

The logo for samTrans, featuring the text "samTrans" in a bold, sans-serif font. Below the text are two horizontal bars: a red one on top and a blue one on the bottom. The logo is set against a white background with a thin black border.

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Sustainability Program Overview

April 13, 2011
Board meeting

Overview of Program

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- Background
- Framework
- Progress
- Milestones
- Next Steps

Background: Definition

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Sustainability is generally understood to mean **balancing financial, environmental and social needs** in a way that ensures the resources we use today are still available in the future.

Background: Purpose

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The Sustainability Program exists to help conserve resources and potentially save the District money.

It can also...

Background: Purpose

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Internal:

- Reduce operational expense
- Engage employees creatively in a worthwhile effort

External:

- Address legislation and regulation
- Recognize changing stakeholder expectations
- Expand leadership profile

Background: Long-term Outcome

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- Reduce Bay Area emissions
- Reduce agency's carbon footprint
- Influence suppliers to provide green solutions

All while potentially saving money and reducing consumption of resources

Framework

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- Program built on volunteer teams
- Teams work on policies and projects that demonstrate sustainability in action
- Teams lead by example with support from Executive Team and Board
- Program emphasizes education, projects and policies that reduce water, energy and waste streams
- APTA Sustainability Commitment contains required actions and recommended actions that help guide the program, i.e. GHG emissions inventory, seek green business certificate

Progress to Date

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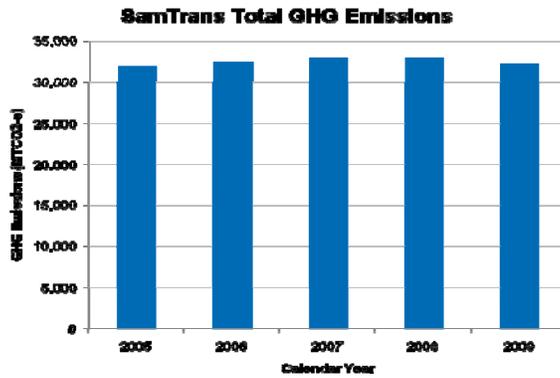
- Completed 10 Projects
- Completed 2 Policies
- Completed GHG Inventory
- Received APTA Bronze Recognition



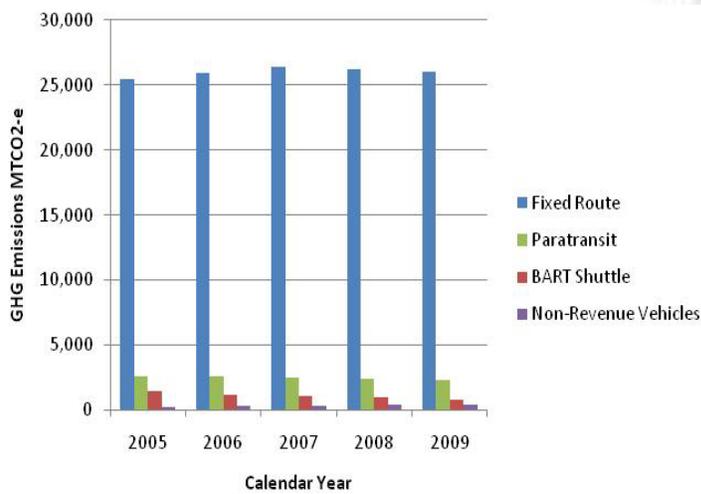
GHG Inventory



- Measures amount & sources of emissions
- For SamTrans...2005-2009
- Stable, largest difference between years is 3%

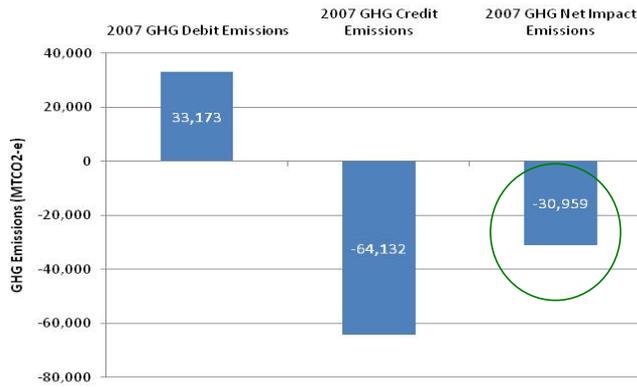


Fleet Emissions by Trend



SamTrans is a Net GHG Reducer

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Source: Calculated using APTA Recommended Practice for Quantifying Emissions from Transit

Examples of Projects Completed or Underway

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- Energy efficient lighting
- Double sided printing default
- Turn off computers and monitors every night
- Departmental pledges on Earth Day 2010
- Lights out signs in common areas
- Mid-day motor pool consolidation
- Single stream recycling
- LED screens in conference rooms
- Electric invoicing for some vendors
- PG&E comprehensive energy audit at Central and Bases
- iPad pilot project with HR
- Green design criteria for construction projects
- Overarching sustainability policy
- Environmental procurement policy
- Green bag lunch series on topics within sustainability
- Green business certification application

Peer Review Summary

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GHG Reducing Strategies	What Peer Agencies are Doing*	What We are Currently Doing
Energy Efficient Lighting Upgrade	T, H, F	X
Building Retrocommissioning		
Solar Photovoltaics - North and South Base	T, F	
Enhance Recycling	T, H	
Desktop Computer Energy Savings	T, F	X
Occupancy Sensor Lighting Controls - All Buildings	T, F	
Mobile Air Conditioning Replacement		
Efficient Non Revenue Vehicle Replacement	T, H, F	X
Bus Fleet Fuel Switching	T,H, F	X
Employer Outreach - Telecommute, Compressed Work Week	F	

Peer Agencies: T=TriMet (OR); H=Hampton Roads (VA); F=Foothill Transit (CA)

APTA Peer Review Comment

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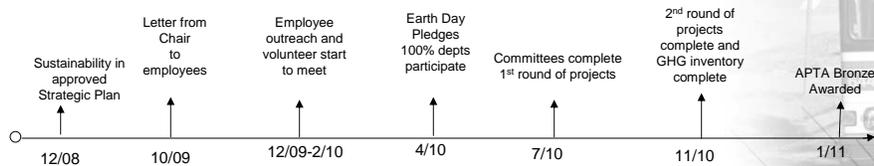
In reviewing SamTrans submission, it was clear that they are serious not only about committing to Sustainability, but also about tracking their performance and progress. It presents a very practical and realistic example of a typical transit agency that is trying to make the best of the resources available – not averse to identifying areas for improvement, and balanced by areas that deserve recognition.

APTA Sustainability Review for Bronze Recognition, January 2011

Key Milestones

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Sustainability Program



Next Steps

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- Continue to engage employees in sustainability
- Continue to take steps to reduce GHGs, energy, water and waste streams
- Continue to coordinate with external stakeholders

On our way to getting sustainability into the DNA of our business culture

Backup Slides

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Overarching Policy

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The District commits to:

1. Streamline business practices to reduce waste and improve operational effectiveness
2. Evaluate and improve the long-term resource efficiency of our facilities and equipment, including the life-cycle return on investment
3. Educate and incentivize our employees to integrate sustainability practices into their work and their personal lives
4. Encourage business partners to incorporate sustainability practices into their own operations
5. Measure the environmental impacts of our activities on an ongoing basis, and set and meet targets to reduce our impacts
6. Deploy sustainability-themed programs that encourage the use of public transit and that support our local communities

Developed May 2010

Environmental Procurement Policy

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The District will purchase Environmentally Preferable Products and Services provided that they are: (1) available within a reasonable time frame; (2) cost-effective; and (3) perform to the requirements of the District's intended use. The EPP Policy will augment, not replace, the procurement policy and practices of the District.

Strategies and Tactics to Help Reduce Emissions

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- PG&E audits and implementation of recommendations
- Fleet, fuel mix and ZEB demonstration
- Regional climate solution partner
- Stakeholder role in regional planning
- Industry leader within APTA