

Outline of SF Carbon Fund Status Update
Policy Committee October 20, 2008

Overview

Executive Directive, December 18, 2008

- Develop and pilot a Local Carbon Offset Program
- Fund carbon-offset activities exclusively within San Francisco's boundaries
- Carbon offsets purchased by City departments when employees travel by airplane
- Pilot phase will subsidize a limited set of projects

Project Types

- Biodiesel Refueling Station per gallon Subsidy
 - A per gallon fee paid for new and additional quantities of biodiesel sold to individual users at biodiesel refueling stations located within the City of San Francisco
 - Subsidy will be paid only for biodiesel made using recycled vegetable oil and tallow as feedstock
 - Subsidy will be higher for less carbon intensive manufacturing methods and feedstock used (recycled vegetable oil < tallow , methanol recapture, biodiesel fueled generators at manufacturers)
 - Upfront bulk purchase of offsets to help get new refueling stations up and running
 - Biodiesel Projects
 - Dogpatch Biofuels
 - Biofuel Recycling Coop/Rainbow Grocery
 - San Francisco Petroleum Company ???
 - Co benefits
 - Support a clean energy with a very difficult business model
 - Increased access to biodiesel
 - Supports cleaner manufacturing methods with higher subsidies
 - Increase the demand for recycled vegetable oil as a feedstock thus incentivizing increased collection efforts
- Enterprise Green Communities Offset Fund
 - Supports green Affordable housing for Low income families
 - Generate offsets by exceeding local and state energy efficiency measures by 15%
 - SF Carbon Fund can purchase offsets from projects located within the city
 - Green communities will verify and retire offsets generated on behalf of the SF Carbon Fund
 - Co-benefits
 - Reduce fossil fuel energy in affordable housing
 - Each project will have 5 year lifetime but benefits will continue for many years after
 - Help low income families live in green homes

- Elevate awareness of the connections between climate change, the built environment and social equity
- “Geriatric Boiler” Replacement
 - Target old (pre 1950) boilers with efficiency < 60%
 - Provide a per therm incentive to help fund the cost of replacement
 - Package boiler replacement with all other Dept of Environment energy efficiency programs
 - Projects: Glide Memorial Church
 - Co-benefits
 - Cleaner more efficient heat
 - Asbestos abatement
 - Launching point for other energy efficiency programs

Next Steps

- Finalize San Francisco Carbon Fund Offset definition and project protocols
- Finalize biodiesel project details
 - Payment mechanism
 - Contracts and Agreements
 - Verification process
- Finalize Green Communities Agreement
 - MOU approval
 - Define actual projects
 - Payment mechanism
- Employee travel offset process
 - David Assman working with Controllers office and City Attorneys to develop money flow process

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