





Sustainable Cities – Sustainable Mobility, Dec 2nd 2009

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Business Development

Public Sector European Markets

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Mega Trends Impacting Cities



Keep up with the Trends & Face the Challenges



Connected Urban Development (CUD)

Business Transformation Enabled by Information and Communication Technology (ICT)



Three founding cities:







In 2008, four new cities joined:





Cisco Public





Business Transformation Enabled by ICT



Cisco Public

Connected Urban Development

A Blueprint for City Transformation











Connected and Sustainable Work

Connected and Sustainable Mobility

Sustainable Buildings

Connected and

Connected and Sustainable Energy

Connected and Sustainable Socio-Economics

Smart Work Centers

Smart Road Pricing

Homes

Renewables and Co-Generation

Active Citizenship and Eco Maps

Digital Swarming and Hub Pavilions

Personal Travel Assistant

Office Buildings

Urban Monitoring and Measurement

Citizens Energy Efficiency Innovative Green
Business Models
and Sustainability
Clusters

Connected Workplaces

Connected Workforce

Connected Public Transportation

Public Transit Hubs

Public Spaces

Hospitals and Schools

Sustainable Urban Planning

Broadband Platform

IP-Enabled Homes and Offices, Roads, Utilities, Workplace Design

Smart Work Center

Smart Work Center (SWC) offers a flexible and user-centric work space with enhanced communication technologies and a community inclusive service setting, designed to improve employee collaboration and productivity.







Smart Work Center – Proof of Concept City of Almere (NL)

Integrated Services Concept



Smart Work Center Services and Solutions

Architecture

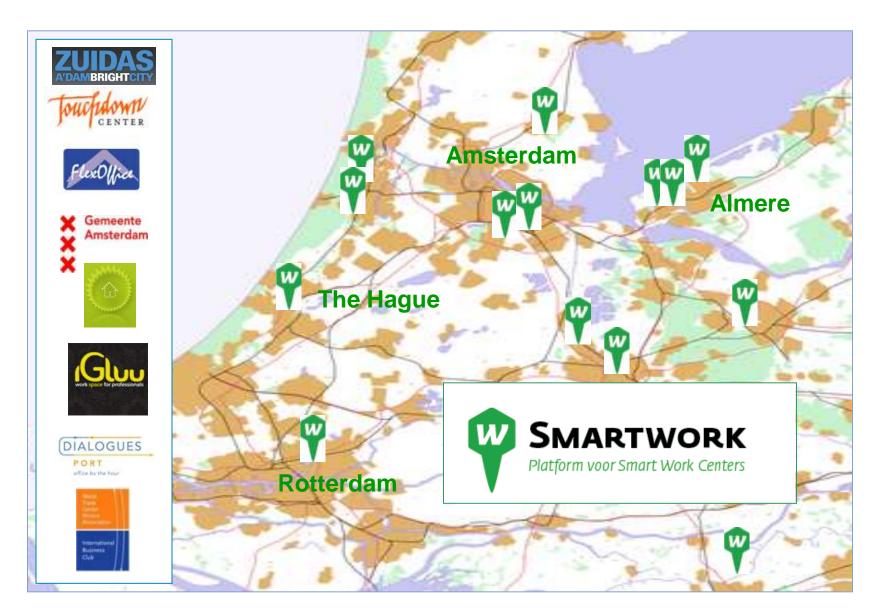
- Flexible Work Space
 - **Location Services**
 - **Secure VPN Remote Access**
 - **Unified Communications**
 - **Presence**
 - **TelePresence**
- **Building Systems**
 - **Connected Real Estate**
 - **Physical Security**
 - **Digital Media Systems**
- Connectivity

Connected Communities

- Wired
- Wireless
- **High Speed Broadband**
- **Reservation System**
 - Web-based and multimodal

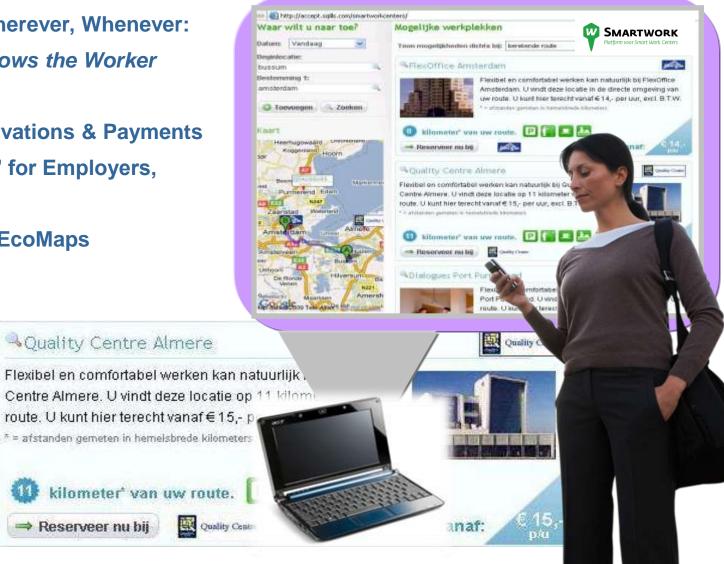


The "W-Network" of Smart Work Centers - Netherlands



'W' - MySmartWorkSpace Reservation Tool

- Smart Work Wherever, Whenever: Work Space follows the Worker
- Multimodal
- Selection, Reservations & Payments
- 'One-Stop-Shop' for Employers, **SWC** users
- Integration into EcoMaps





⇒ Reserveer nu bij

Quality Centre Almere

Connected Urban Development

A Blueprint for City Transformation











Connected and Sustainable Work

> **Smart Work** Centers

Digital Swarming and Hub Pavilions

> Connected **Workplaces**

Connected Workforce

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Citizens Energy Efficiency

Connected and Sustainable Socio-Economics

Active Citizenship and Eco Maps

Innovative Green Business Models and Sustainability **Clusters**

Sustainable Urban Planning

Broadband Platform IP-Enabled Homes and Offices, Roads, Utilities, Workplace Design

Personal Travel Assistant - Seoul



Personal Travel Assistant

Objectives

- Transform urban mobility patterns by providing real-time personalized travel information and support services through various channels
- Enables users to organize their work and social activities with better options in terms of Time/ Financial/ Environmental impact

Strategy

- Link with TOPIS Development Plan
- Link with u-TransPolis Implementation Roadmap (MP6 PTIS): HVA Real-Time
 Travel Information Services
- Co-Develop Technology Architecture (Device Independent) and Standard Service Platform

Key Features



Travel Planning
Pre-travel, travel, and post-travel
management

Smart traveler automated recommendations based on profile



Schedules/Reservations

Schedule and reserve travel and work based on personal needs



Option Calculator

Time, financial, & carbon incentive suggestive alternatives
Preference & proactive service offerings based on profile



Safety & Emergency

Real-time safety alert and remote diagnosis

Connected Urban Development

A Blueprint for City Transformation





Smart Work Centers

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Connected and Sustainable Buildings

Homes

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Connected and Sustainable Energy

Renewables and Co-Generation

Urban Monitoring and **Measurement**

Citizens Energy Efficiency



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Urban EcoMap – www.urbanecomap.org



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Working Together to Improve San Francisco's Environment

Understand the challenge. Become part of the solution.

Your current zip code is 94109
If this is not correct, Click Here.





Transportation





Do it Now!

Want some quick suggests for how you can reduce your environmental impact? Tell us what's most important to you, and we'll show you the best options.

- A Low Cost
- Lowest Effort
- Greenest Option





See What's Happening In Your Neighborhood



Use our interactive map to better understand the environmental impact of your neighborhood, relative to others. Compare two zip codes, or compare your zip code to the current City average and the future City goal.

Compare Neighborhoods »

Are You Part of the Solution?



Use the "Action Advisor" to leam more about available environmentally friendly options. Identify what is most important, and the "Action Advisor" will build a list of suggestions and resources that are right for you.

Take Action »

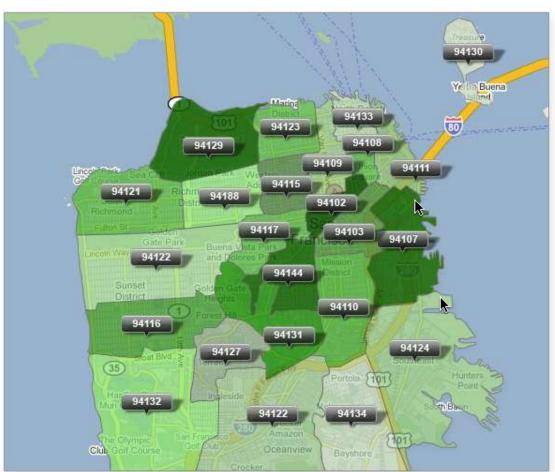
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Explore San Francisco's Carbon Emissions by Zip Code



How is San Francisco Doing?

San Francisco is one of the cleanest and greenest cities in the U.S. and is well on its way to reducing overall greenhouse gas emissions to 20% below 1990 levels-ahead of the Kyoto Protocol.





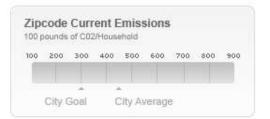




View All

Transportation

*	ZIP CODE	TRANSPORT	ENERGY	WASTE
1	94108	50%	46%	4%
2	94107 -	81%	16%	3%
3	94102 🔺	66%	31%	3%
4	94103 🕶	59%	33%	8%
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Facts

At last measure San Francisco's total carbon emissions were 9% below its level of emissions in 1990. 1990 is commonly used as the baseline year against which most emissions reduc-

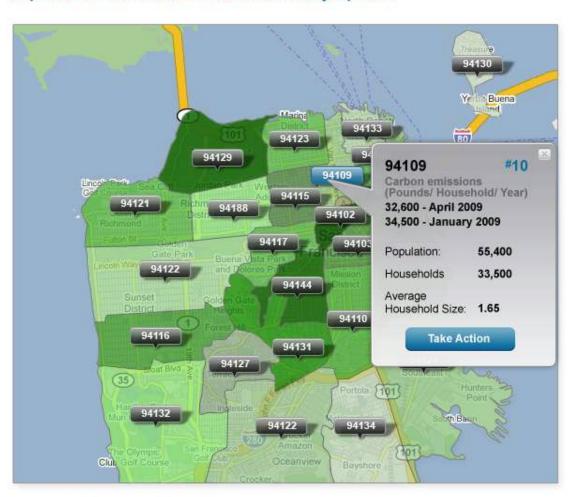
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24%

86%

27%



View All

94124

94104 -

10 91109 *

Transportation

Waste

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71%

71%

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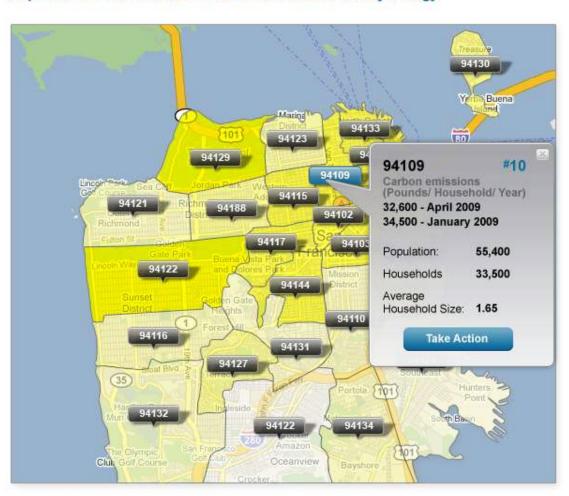
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Explore San Francisco's Carbon Emissions Created by Energy



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View All

Transportation

Waste

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Best Performing Zip Codes - April 2009 ZIP CODE ELECTRICITY GAS 94108 63% 37% 94107 -38% 62% 94102 -32% 68% 38% 62% 94103 94111 -50% 50% 94105 * 34% 66% 94133 37% 63% 94124 -40% 60% 94104 -39% 61% 10 94109 * 37% 63%



Clty Facts

On average, electrical generation is a significant source of greenhouse gas emissions.

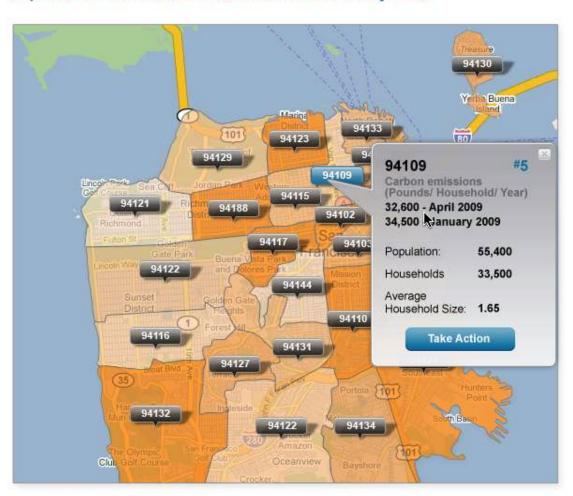
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Explore San Francisco's Carbon Emissions Created by Waste



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View All

Transportation

Waste

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Ψ.	ZIP CODE	BLK CART C02/HH	GRN CART WEIGHT/HH	BLUE CART WEIGHT/HI
1	94105 💌	295	782	1248
2	94107 -	588	466	463
3	94128 -	604	324	1059
4	94102 🕶	612	201	152
5	94109 -	667	299	203
6	94132 🕶	769	463	309
7	94115 💌	890	629	384
8	94131 🔺	904	735	479
9	94123 -	912	712	509
10	94117 🕶	925	603	275



Clty Facts

Garbage decaying in landfills emits a powerful greenhouse gas - methane. Reducing

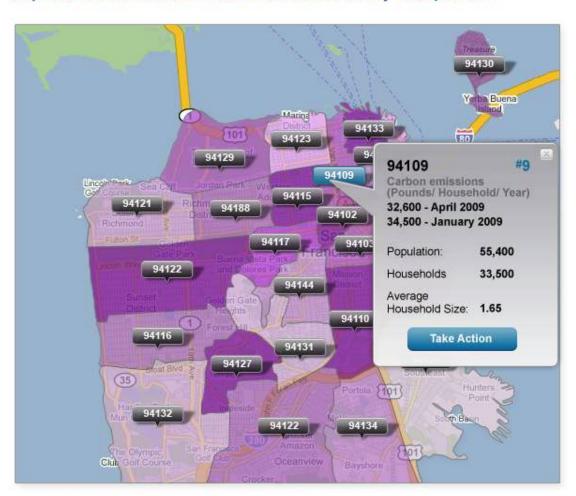
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Explore San Francisco's Carbon Emissions Created By Transportation





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View All

Transportation

*	ZIP CODE	HYBRIDS	suvs	MILES/YEAR
1	94104 *	4%	13%	3079
2	94111 🔺	4%	22%	3155
3	94108 🐣	3%	18%	4719
4	94103 🔺	2%	24%	7955
5	94105 🕶	2%	64%	9631
6	94102 -	3%	10%	8832
7	94107 🕶	3%	23%	12513
8	94133 🔺	2%	9%	16554
9	94109 -	2%	6%	18552
10	94114 🕶	4%	6%	29183
				Show All »



City Facts

Nearly half of all our carbon emissions come from transportation. To reduce this number,

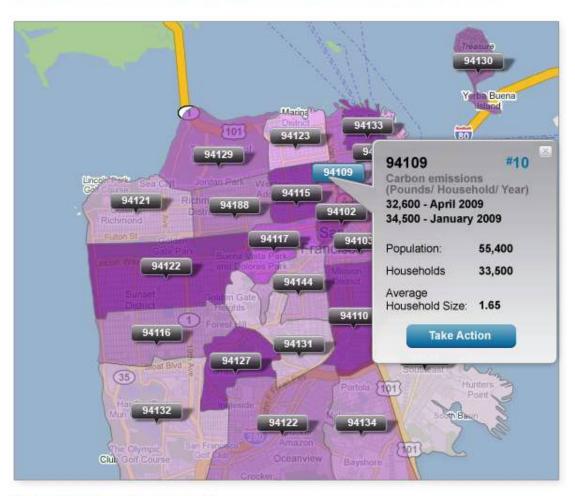
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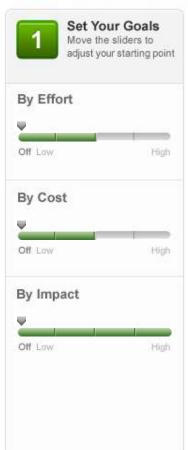
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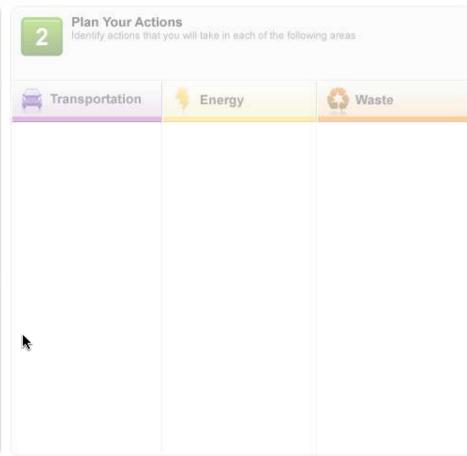
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Reduce Your Carbon Emissions







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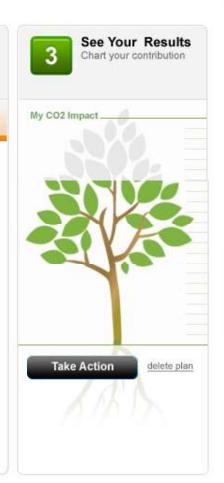
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Reduce Your Carbon Emissions







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My Actions to Reduce Carbon Emissions

Share the actions that you are planning to take with your friends and neighbors by posting them to your Facebook wall.



Save a PDF



Add to Facebook



Edit My Solutions



Transportation

Bike To Work

Biking to work at least once a week is a great option for those who live a little bit farther from work. City bike maps and other resources are available to make biking an easy, emissions-free commute option. Plan my route.



Energy

Install Energy Star Appliances

Appliances which meet the requirements of the national ENERGY STAR program are widely available and bring 20-30% energy savings on average – just look for the label and upgrade your appliances to save immediately.

Upgrade Light Bulbs

Compact fluorescent light bulbs (CFLs) are 75% more efficient and last 10 times as long as traditional bulbs. They are widely available and after a small initial cost, will save up to \$30 in energy costs over each bulb's lifetime.





Compost Yard and Garden Waste

In non-urban areas, yard waste can be one of the largest contributors to the carbon emissions associated with personal waste. In cities, yard and garden waste should still be composted to ensure these emissions are minimized.





Become a Supporter

View Updates

Gavin Newsom is currently exploring a campaign for Governor of California in 2010. Learn more at www.GavinNewsom.com or follow the Mayor on Twitter.

Information

Country:

United States

Current Office

Office:

Mayor of San Francisco

State:

California

Party:

Democratic Party

Supporters

C - 6 27 027 ----





Wall Info Events

Photos

Boxes

Notes

Gavin Newsom Just Fans



Gavin Newsom



A DGTechNetwork Gavin Newsom: Power America With Ocean Energy -Earth2Tech

Source: tr.im

Today, U.S. Secretary of the Interior Ken Salazar will hold a high-profile public hearing in San Francisco about the future of offshore oil drilling along America's coastlines. We have a choice. Invest in safe, renewable forms of ocean energy - including wind, wave, tidal and current power - that wi ...

Yesterday at 6:28am - Comment - Like - Share

140 people like this.

☐ View 31 comments

Write a comment...



Gavin Newsom



Gavin just joined Ecomap San Francisco. www.ecomap.com

Wed 12:24pm - Comment - Like - Share

449 people like this.

☐ View 55 comments

Write a comment...



Gavin Newsom Another step forward for marriage equality - Gov. Paterson will introduce same-sex marriage bill in New York.

Paterson Will Introduce Same-Sex Marriage Bill - The Caucus Blog -NYTimes.com

Source: thecaucus.blogs.nytimes.com

Gov. David A. Paterson will announce on Thursday plans to introduce legislation to legalize same-sex marriage, according to people with knowledge of the governor's

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Free Canon Camera



We need photo lovers! We'll give you a Canon 40D to use and keep for free. You tell us what you think. Check availability in your area.

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Your Profile Is Naked



No profile is complete without fantastic tattoo images like this. Choose from thousands of images and symbols. It's easy and free.

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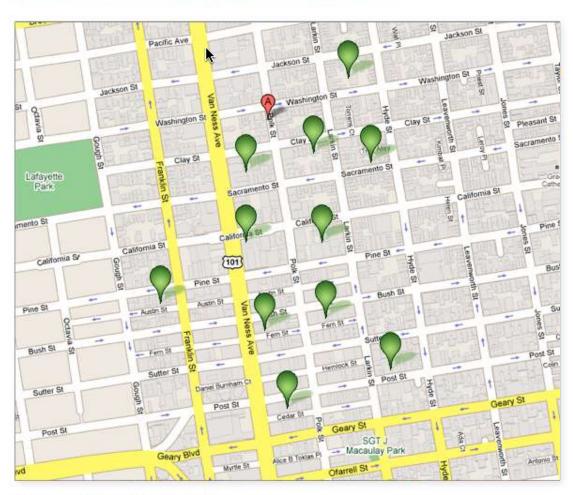
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Explore San Francisco's Carbon Emissions by Zip Code



How is San Francisco Doing?

San Francisco is one of the cleanest and greenest cities in the U.S. and is well on its way to reducing overall greenhouse gas emissions to 20% below 1990 levels—ahead of the Kyoto Protocol.











View All

Transportation

Waste

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Zipcode Current Emissions



Facts

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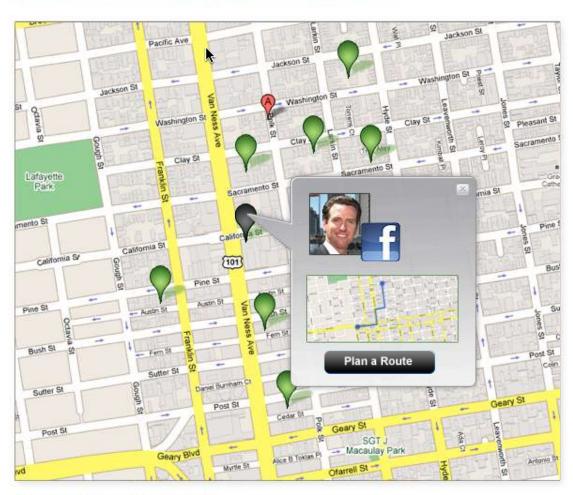
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Best Performing Zip Codes - April 2009

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Zipcode Current Emissions



City Goal City Average

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Plan your bike route



Plan my route Start 1 Carlton B Goodlett Pl., San Francisco CA Finish 24 Willie Mays Plaza, San Francisco, CA

Show my route

Bike for daily trips in town

Biking is often the quickest and cheapest way to get from one side of the city to the other, and everywhere in-between. Bikes can be used for shopping, exercising, and simply getting from one place to another emissions-free.

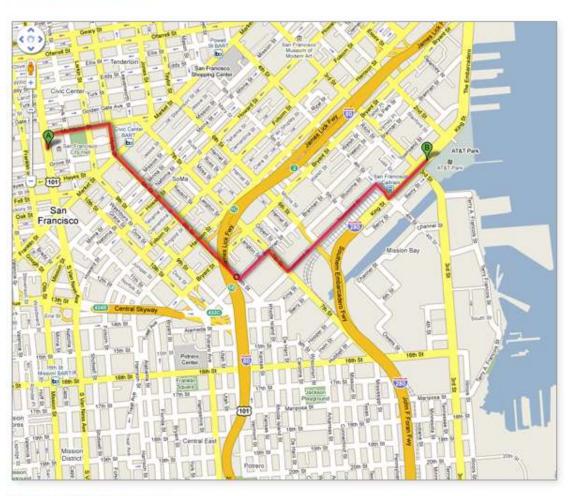
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Find a bike buddy

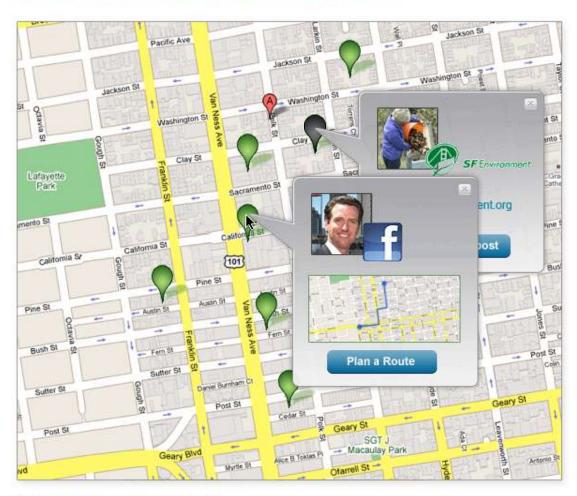
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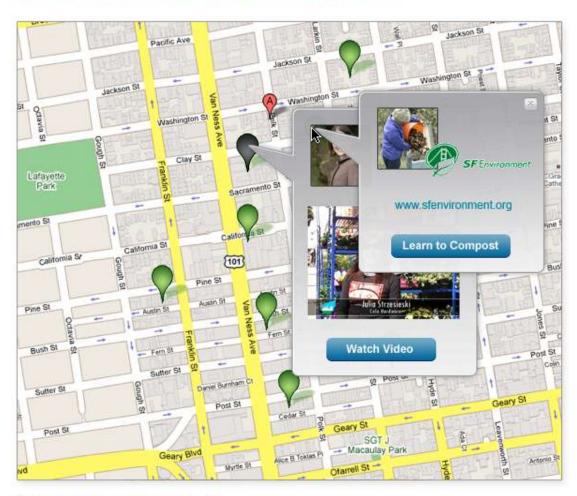
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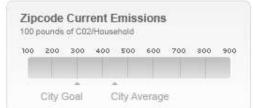
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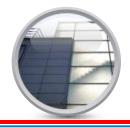


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Connected Urban Development

A Blueprint for City Transformation Creating an Urban Services Platform











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Mobile and Sustainable – Smart Connected Communities



