

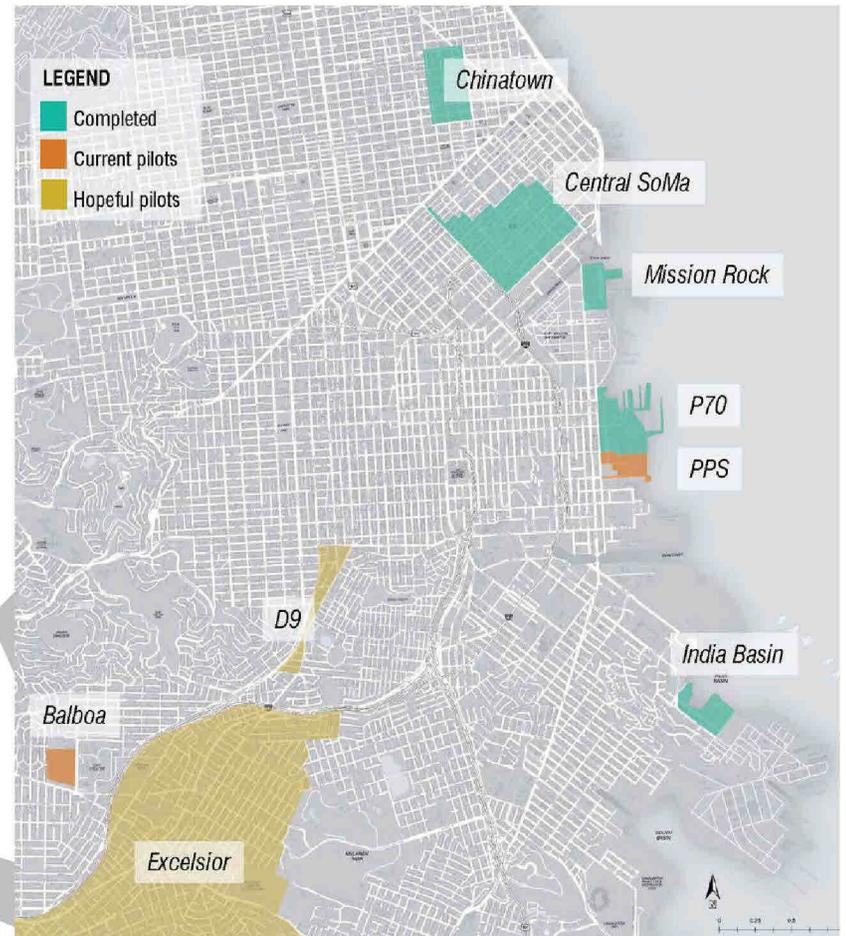
# SAN FRANCISCO'S SUSTAINABLE NEIGHBORHOOD PROGRAM [2.0]

## INTRODUCTION

### Approach

Neighborhoods are the ideal scale for accelerating sustainability: manageable enough to push innovation, yet significant enough to produce impacts that enhance the city at large. Whether a new, master-planned neighborhood or a well-established community, an SF Sustainable Neighborhood is guided by the following principles:

- Considers coordinated, systems-based, and cross-performance strategies beyond the building scale to maximize environmental performance and efficiency
- Pursues new pathways to meet and exceed City goals & requirements
- Establishes and monitors measureable targets
- Cultivates collaborative and creative partnerships between community members, developers, utilities and public agencies



**FIG: SF Sustainable Neighborhood Examples**

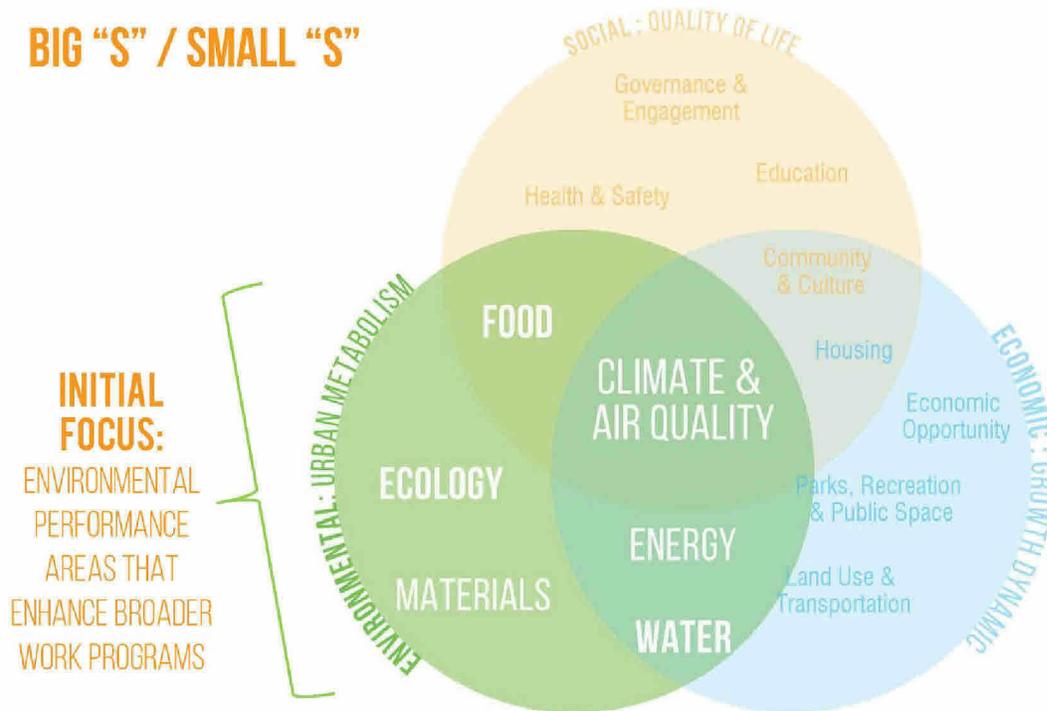
### Methodology

Building on the past five years of sustainability policy and planning work at the district scale, the Planning Department's Sustainable Neighborhood Program 2.0 is a comprehensive approach for achieving neighborhood-scale sustainability, both in existing communities and for new development. In coordination with fellow agencies, the Program centers on a Framework and online Guide of supportive resources. These tools compile the best organizational structure, goals, targets, means, and indicators from a wide range of perspectives, including: SF Planning's 2013 Sustainable Systems Performance Framework (1.0); current goals and strategies of City agencies and San Francisco at large; San Francisco's 1997 Sustainability Plan, United Nations Sustainable Development Goals (2016); EcoDistricts Protocol (2016); years of local learning and testing in Central SoMa, Sustainable Chinatown, and major new waterfront developments like Mission Rock; existing sustainability driven frameworks authored by peer cities; and our global planetary boundaries (natural resource flows, ocean/air/land degradations/climate change, et al).

## Sustainable Neighborhood Program Goals / Value

- Standardizes a suite of “environmental” sustainability considerations for large developments and plan areas amidst a broader set of priorities like housing, mobility, open space, etc.
- Provides a consistent platform for discussions around opportunities and constraints
- Helps streamline the City’s inter-agency sustainability review processes
- Enhances the implementation and delivery of sustainability related co-benefits
- Establishes sustainability strategies as tools for helping affordability and other local challenges

## BIG “S” / SMALL “S”



## TOOL KIT Construct

In coordination with fellow agencies, the Sustainable Neighborhood Framework and online Guide have been designed according to the parameters and aims outlined below.

### SF Sustainable Neighborhood Framework

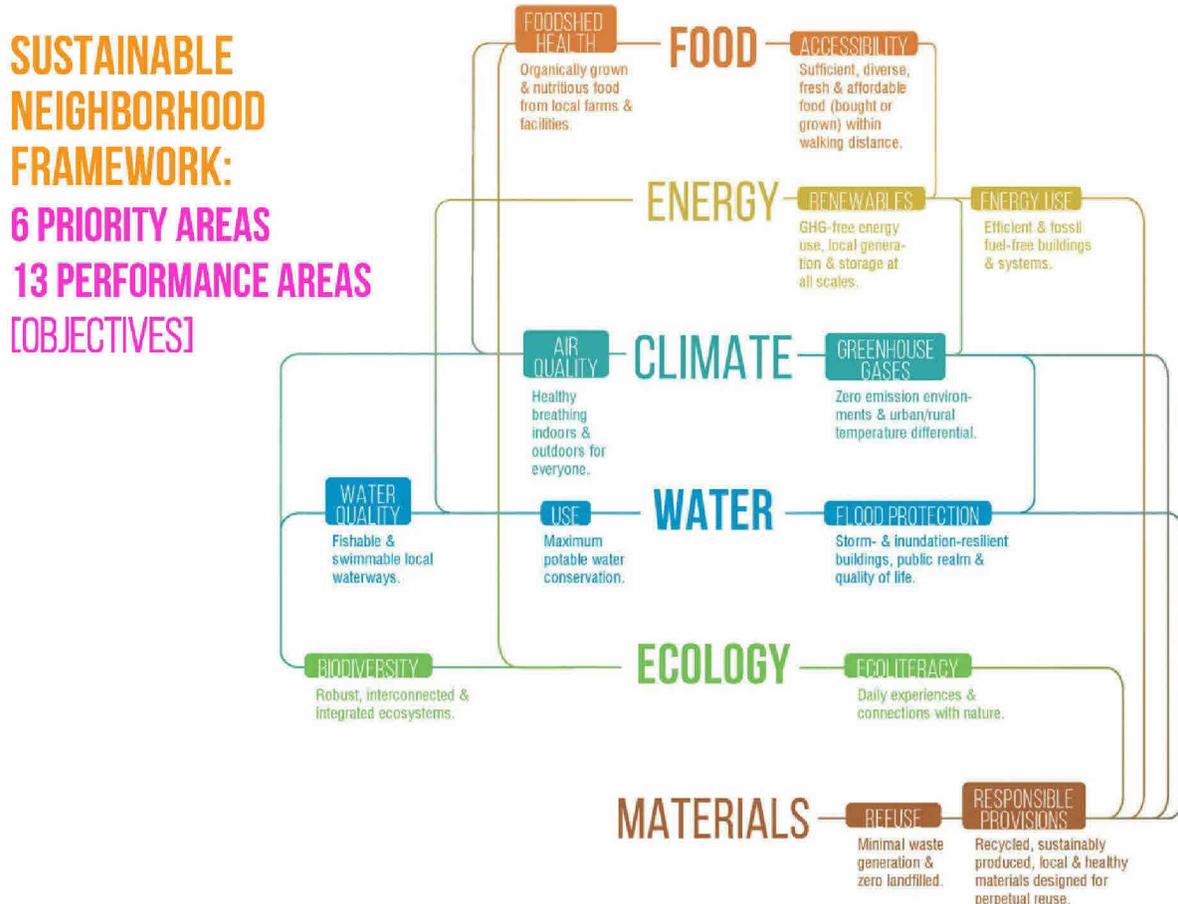
- Comprehensive, yet streamlined, road map focused on environmental sustainability priorities (climate & air quality, energy, water, materials & waste, food, and ecology)
- Designed for use by City agencies, project sponsors, and community members to set ambitious environmental targets, and identify associated opportunities and challenges for achieving them
- Coordinates with parallel City efforts to improve social and economic sustainability, and support larger City values like equity and resilience
- Provides a structure for generating co-benefits across sectors; e.g., enhancing ecology and air quality while building affordable housing

## SF Sustainable Neighborhood Guide

- Designed to support the Framework’s use as a district-level planning tool, as well as showcase neighborhood- and building-scale innovations for urban performance
- Outlines key elements of the framework and includes sample strategies (means), resources, and case studies to aid and inspire implementation
- Aspires to include world-class designs and technologies to help City staff, project sponsors, community members, and property owners achieve their environmental sustainability objectives
- An implementing action of the Central SoMa Plan, but applicable to all neighborhoods

## TOOL KIT Components

The framework itself is comprised of 13 performance areas and associated longer-term objectives, an existing catalog of existing City goals and requirements, and potential indicators by which its performance may be measured over time. The core structure is systems based instead of linear:



## Performance Areas & Objectives

### CLIMATE

- **Greenhouse Gases.** Zero emission environments and urban/rural temperature differential.
- **Air Quality.** Healthy breathing indoors & outdoors for everyone.

## ENERGY

- **Energy Efficiency.** Buildings and operations minimize energy use throughout all systems.
- **Carbon-Free Energy.** GHG- and fossil fuel-free energy use, local generation & storage occurs at all scales.

## WATER

- **Water Use.** Maximum potable water conservation.
- **Water Quality.** Fishable and swimmable local waterways
- **Flood Protection.** Storm- and inundation-resilient buildings, public realm & quality of life.

## ECOLOGY

- **Biodiversity.** Robust, interconnected, and integrated ecosystems
- **Eco-Literacy.** Daily experiences and connections with nature

## MATERIALS & WASTE

- **Responsible Provisions.** Recycled, sustainably produced, local & healthy materials designed for perpetual reuse.
- **Refuse.** Minimal waste generation & zero landfilled

## FOOD

- **Foodshed Health.** Organically grown & nutritious food from local farms & facilities.
- **Food Accessibility.** Sufficient, diverse, fresh & affordable food (bought or grown) within walking distance.

## User Guide

The City family will work with individual project teams and/or community groups to best apply the framework's purpose and structure to the Sustainable Neighborhood effort at hand. Iterative discussions, relevant peer city targets, and innovative project benchmarks will help inform personalized goals and targets for the project. In the case of existing neighborhoods or major redevelopments, targets will also be informed by the area's current baselines and performance deltas therein. In order to achieve these targets, each Sustainable Neighborhood will then create a tool box of short- and long-term strategies to be implemented over time. The Framework is designed to facilitate innovation and help neighborhoods pilot cutting-edge solutions that inspire other communities and the city at large. Over time, the framework may be used to monitor and report on progress to both the site's sustainability aspirations and commitments.