



# sustainability agenda

*making SHA a national leader in environmental stewardship and sustainability*



## 2020-2025 strategic directions

### S1: Reduce Carbon Footprint

Goal: Reduce SHA's carbon footprint 5% from 2015 baseline by 2025

- 1.1 Reduce emissions from natural gas systems
- 1.2 Enforce vehicle idling policy
- 1.3 Electrify fleet vehicles



### S2: Improve Building Performance

Goal: Resilient site improvement at 15 buildings by 2025.

- 2.1 Embed weatherization program into capital investment planning
- 2.2 Install low-flow water fixtures
- 2.3 Increase on-site solar power generation



### S3: Improve Resilience

Goal: Indoor air quality; implement air filter and green cleaning programs at all buildings

- 3.1 Adopt common area green cleaning program at all buildings
- 3.2 Create schedule for air filter replacement at buildings

Goal: Emergency & Disaster Preparedness Workshops

- 3.3 Support emergency and resiliency trainings for tenants



### S4: Incorporate Sustainable Business Practices

Goal: Digital process improvements

- 4.1 Convert forms & applications to digital formats for Housing Ops and HCV
- 4.2 Develop a digital system for monitoring communities per capita waste

Goal: Design & Construction Standards

- 4.3 Fully implement standards by 2025



## S1: Reduce Carbon Footprint

Benchmark	Indicator	Target	Benefit Statement
1.1 898,900 therms (2015) 4803 MTCOe (GHG emissions)	Therms consumed annually	Reduce emissions from natural gas systems 15% by 2025	Reduce GHG emissions and disproportionate climate impacts on vulnerable populations
1.2 ~9,463 over-idle hours (2019) ~\$21,118.80 annually	Idle time, CO2 emissions, Gallons Fuel, Cost Savings	Decrease idle time in applicable fleet vehicles over 5 minutes grace period 50% by 2025	Reduce harmful air pollution from exhaust emissions in the communities we serve
1.3 9 Nissan Leafs 1 Neighborhood EV	% of passenger vehicles in fleet that are electric vehicles (EV)	Electrify 25% of passenger vehicles with electric vehicles by 2021	Reduce harmful air pollution from exhaust emissions in the communities we serve

## S2: Improve Building Performance

Benchmark	Indicator	Target	Benefit Statement
2.1 N/A	Net Present Value (NPV) Kilowatt hours/Heat degree day	Increase NPV of weatherization projects 5% by 2025	Ensure comfort while decreasing energy costs for tenants
2.2 Highest GPCD 1. Leschi House: 250 2. Holly Court: 230 3. Roxhill Court: 211	Gallons per capita daily (GPCD)	Decrease GPCD 30% at 5 buildings by 2025	Contribute to conserving the region's freshwater resources
2.3 68 kW of solar installed on SHA roofs.	kW solar capacity	Install, at a minimum, 105 kW of nameplate capacity.	Connect low income communities to renewable energy sources and economic benefits

## S3: Improve Resilience

Benchmark	Indicator	Target	Benefit Statement
3.1 6 buildings in pilot phase	Number of buildings implementing program	Adopt Green Cleaning Program at all LIPH, SSHP, and HOPE VI/CNI by 2025	Improve indoor air quality, reduce both water pollution and exposure to toxic chemicals
3.2 Filters in buildings with roof top units are changed 4 times a year	Number of buildings with air filter replacement schedules	Develop air filter schedule or policy	Create accountability for air quality in indoor common areas
3.3 1 workshop per year	Number of workshops held annually	Collaborate with CSD and resident group to support resilience workshops	Support in preparing tenants to effectively respond in the event of an emergency

## S4: Incorporate Sustainable Business Practices

Benchmark	Indicator	Target	Benefit Statement
4.1 1 Digitized Form ~230 Housing Ops Forms ~175 HCV forms	Number of forms converted	Consolidate/digitize 20% of Housing Ops & HCV forms by 2025	Reduce paper consumption and create efficiencies in workflow
4.2 ~1.54 lbs/person/day (residents only)	per capita lbs by route	Implement digital technology to manage and track landfilled waste by Community	Identify opportunities for strategic outreach in waste prevention and sorting
4.3 N/A	Number of buildings adopting program	100% implementation of Design & Construction Standards for new construction, rehab, and O&M by 2025	Improve efficiency and predictability in rehabilitations and maintenance