



# HSD Sustainability Initiatives

# Professional Development & Community Partnerships

Amazing Energy Team!!

RCM = CEM

Trades = 'Grow our own' apprenticeship program

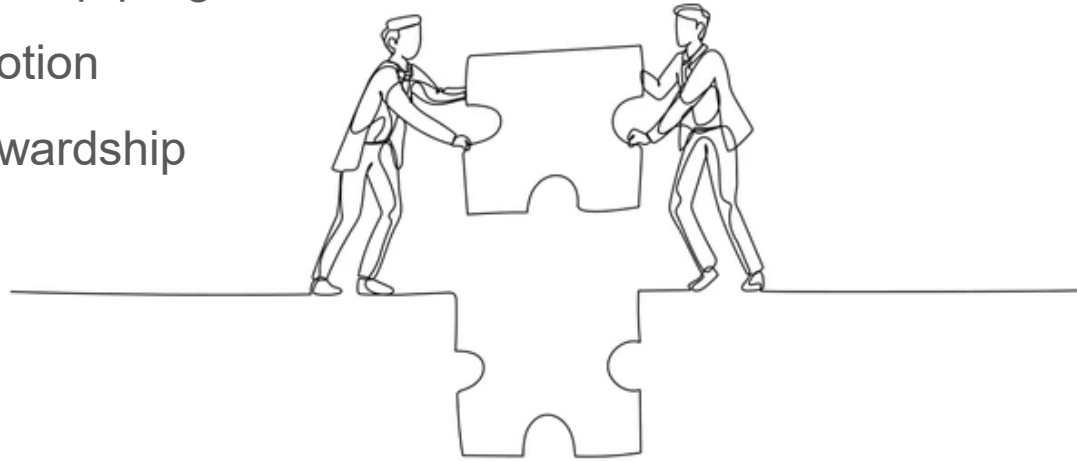
Oregon Green School (OGS) promotion

City of Hillsboro Environmental Stewardship

State of Oregon

Energy Trust of Oregon

Neighboring SD's



# Energy Efficiencies in Building Systems

## Bond projects

- HVAC upgrades including heat pumps and DCV features
- Solar Arrays
- Athletic Turf Fields
- LED Lighting

## Continuous Maintenance

- Building Performance Tune-ups
- Energy Shutdowns During Break Periods
- Irrigation schedules
- IAQ

# Sustainability in Our Buildings

## Nutrition Services

- Local food sourcing
- Kitchen equipment recycling
- Elementary using durable trays and flatware

## Technology Services

- Electronic recycling
- Electronic software updates scheduled during operating hours

## Additional Recycling Programs

- Scrap metal recycling
- Food scrap collection

# Bond Projects- HSD's First Solar Arrays



School of Sustainability at Liberty HS!



**TAMARACK**  
**ELEMENTARY**

Our district's newest school

# HSD's First Electric Buses

**April 2023**- All diesel buses transitioned to renewable diesel (R99)

**July 2023**- HSD receives the first of two electric school buses. Made possible by grants and awards from PGE's School Bus Fund and the State of Oregon's Clean Fuels Program

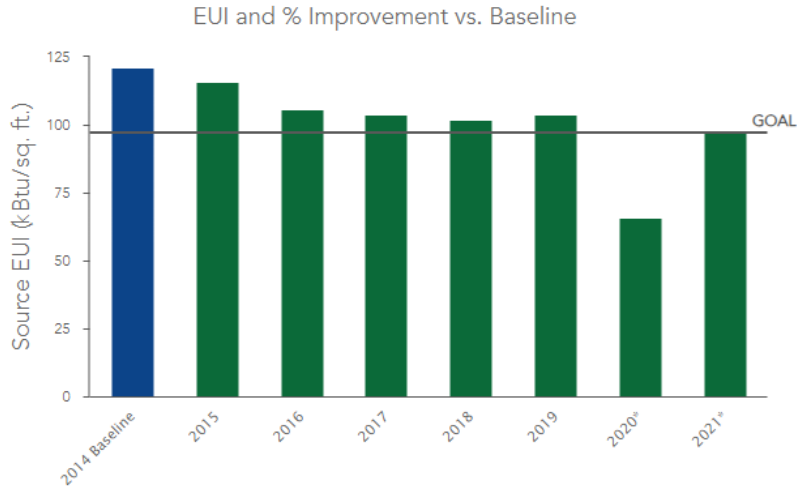
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**November 2018**- EV Charging Stations at the Admin Building for public use



# Recent Achievements- US Dept of Energy Programs

## Better Building Challenge- Goal Achiever!



## Better Climate Challenge- Trailblazing!

### HSD Climate Action Plan

Smart Small Buildings Campaign

GHG Inventory

Climate Action Plan

#### PORTFOLIO-WIDE LEADERSHIP COMMITMENTS

50% GHG reductions by 2033 from a 2018 baseline

20% reduction in Energy Intensity

# Recent Achievements- Strategic Energy Management (SEM)

*An Energy Trust of Oregon offering that provides the tools and education to start saving energy today and continue saving over time.*

- Eighth year of enrollment
- Twelve buildings currently enrolled

## Estimated Savings for Year

Natural Gas ( <u>therms</u> )	Electricity (kWh)	Avoided Cost (Dollars)	Avoided Emissions ( <u>metric Tons CO<sub>2</sub>e</u> )
<b>84,481</b>	<b>1,065,467</b>	<b>\$165,684</b>	<b>1,200</b>



# Looking to Our Future?

CLIMATE ACTION PLAN!

Surplus Furniture and Supplies Program

OGS- Looking to bringing in at least 75%

DOE Better Climate Challenge

SEM Increased Enrollment

LED District Lighting Replacement Project



OREGON  
GREEN  
SCHOOLS

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