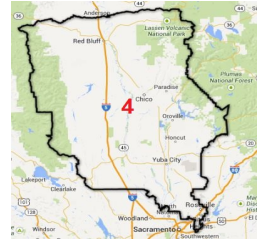




Good for the Economy.  
Good for the Environment.

# Senate District 4

**Senate Member  
Jim Nielsen**



## California's climate leadership attracts investment and creates jobs.

The economic benefits of California's climate policies in-district:



**\$790 Million**

Documented in-district investment in renewable energy, energy efficiency, clean transportation, and other GHG mitigation projects



**9,117 Jobs**

In the district's clean energy economy



**\$51 Million**

Cap and Trade funds implemented in district



**31% of Cap and Trade Funds**

Benefit disadvantaged communities



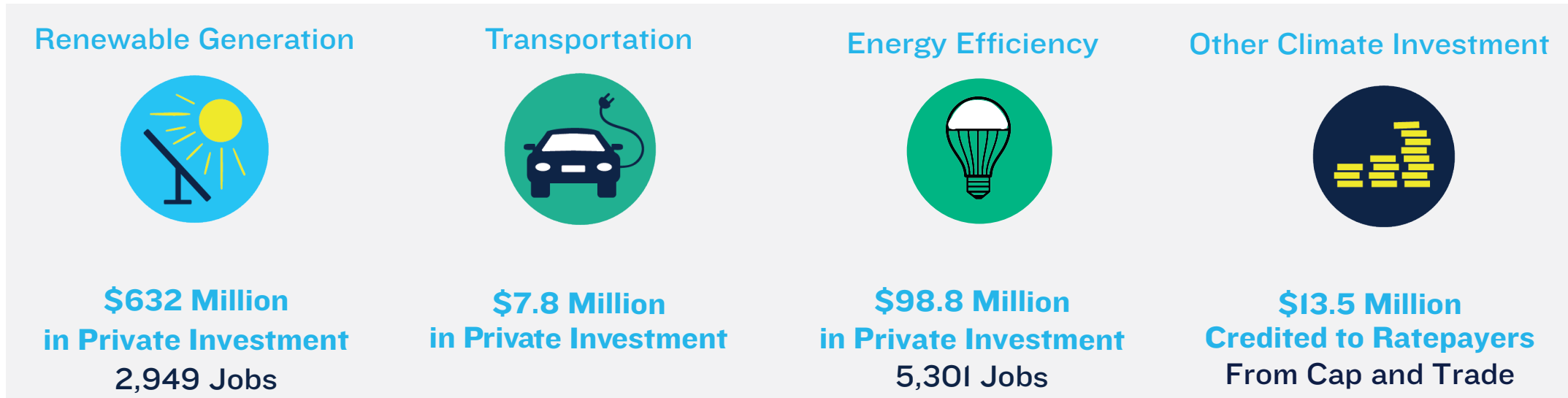
**40,589 Equivalent Car Emissions Avoided**

Avoided equivalent greenhouse gas emissions resulting from GGRF funded projects

**Created July 2018**

Jobs, public investment (GGRF), and emissions data current through 2017; private investment data current through 2016; California Climate Credit data from 2015

## Breakdown of in-district benefits from climate policies to date:



## In-district Cap and Trade dollars implemented through 2017:

District 4, Jim Nielsen				
Senate District & Program Name	Dollars Implemented	GHG Reductions (MTC02e)	Number of Projects	Dollars to Disadvantaged Communities
Clean Vehicle Rebate Project	\$ 2,021,705	30,108	891	\$ 538,385
Large Multi-Family Energy Efficiency and Renewables	\$ 1,231,274	4,148	268	\$ 1,231,274
Low Carbon Transit Operations Program	\$ 1,004,483	312	11	\$ 840,176
Organics and Recycling Loans	\$ 833,000	13,870	1	\$ 833,000
Public Fleets Increased Incentives	\$ 20,000	20	2	\$ 20,000
Public Fleets Increased Incentives Pilot	\$ 10,000	43	1	\$ 10,000
Rural School Bus Pilot Project	\$ 1,521,430	1,350	5	\$ 956,500
Single-Family Energy Efficiency and Solar PV	\$ 933,110	2,298	58	\$ 933,110
Single-Family Solar PV	\$ 659,665	1,339	34	\$ 659,665
Single-Family/Small Multi-Family Energy Efficiency and Solar Water Heating	\$ 33,233	264	22	\$ 33,233
State Water Efficiency and Enhancement Program	\$ 8,204,831	20,140	80	\$ 200,000
State Water Efficiency Program	\$ 3,328,811	24,634	58	\$ 267,496
State Water Project: Turbines	\$ 20,000,000	36,903	2	\$ -
Sustainable Agricultural Lands Conservation	\$ 1,263,000	19,388	2	\$ -
<b>Grand Total</b>	<b>\$ 50,967,146</b>	<b>189,551</b>	<b>1,608</b>	<b>\$ 15,562,284</b>

This chart displays a subset of Cap and Trade funded projects in this district. To view the full list of projects please visit: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceeds.htm>

### Sources:

Job data: 2018 United State Energy Employment Report; <https://www.usenergyjobs.org/> | Private Investment data, California climate credits returned to rate payers, and breakdown of benefits from all climate policies to date: Kevala Analytics | GGRF and emission reductions data: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceeds.htm>

CO2 Equivalencies: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>