

# Buildings + Energy

The Building Energy sector includes all residential, commercial, and industrial buildings. Greenhouse gas emissions from this sector come from direct emissions – from fossil fuels burned on site for heating or cooking needs – as well as **indirect emissions** – from fossil fuels burned offsite in order to supply that building with electricity. Cities and individuals can significantly reduce Building and Energy GHG emissions by increasing:

> Renewable Energy

**Energy Efficient** Buildings

**Energy Efficient** 

**Appliances** 





sectors are responsible for 58% of an average Community's GHG Emissions

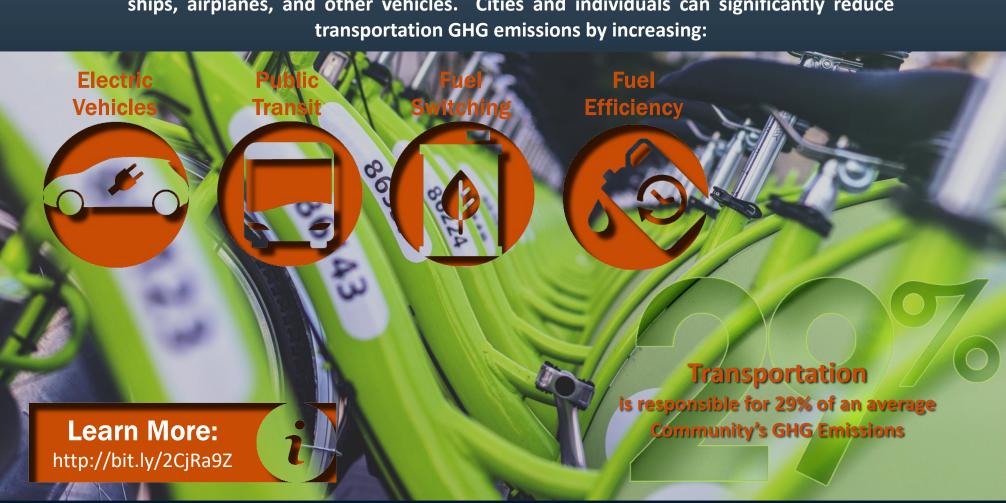
Buildings + Energy

**Learn More:** 

http://bit.ly/33nv5TS

## Transportation The Transportation sector includes the movement of people and goods by cars, trucks, trains,

ships, airplanes, and other vehicles. Cities and individuals can significantly reduce transportation GHG emissions by increasing:



### Landfills are some of the greatest producers of methane gas, a greenhouse gas that's an estimated 35 times more potent than carbon dioxide. By diverting waste from landfills

cities can reduce global emissions and the subsequent warming of the planet. Strategies for cities and individuals to reduce Solid Waste GHG emissions include: Waste



#### According to a report by The River Network, Water related energy use totals 13% of US electricity consumption and has a carbon footprint of at least 290 million metric tons. Meanwhile, wastewater treatment is responsible for 3% of global GHG emissions.

Strategies for cities and individuals to reduce water related GHG emissions include: Rainwater Reduce Outdoor WaterSense Behavior Change Harvesting Fixtures

Watering Water +Wastewater are responsible for 5% of an average Community's GHG Emissions **Learn More:** http://bit.ly/2Ci7FTN The Sustainable Economy **Energy Clean Energy Job Training + Transit Jobs** Consumer **Efficiency Jobs Jobs Skills** Savings



and economical scarcity and poverty is straightforward. Low income individuals and those living in poverty in our communities are by climate change, and achieve economic growth and opportunity.

especially prone to environmental impacts and climate change. Climate Change Solutions for Cities can reduce our contributions to global greenhouse gas levels, deal with the risks posed

landscapes. And the challenge is urgent. Luckily, all of the climate change solutions available to our cities represent opportunities to improve our quality of life, improve health outcomes, and provide opportunities for new jobs and economic development. Cities can support the advancement of a Sustainable Economy in a number of ways - learn more:

**Learn More:** Transformative change is needed now in how we build our cities, produce and use energy,

http://bit.ly/2NKKB5y

transport people and goods, and manage our

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