Sustainability and Climate Change Solutions For Skokie

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

58%

Buildings + Energy sectors are responsible for 58% of an average City's GHG Emissions

In La Crosse, this sector is 57.6%

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:

- Electric Vehicles
- Public Transit
- Fuel Switching
- Fuel Efficiency

29%

Transportation is responsible for 29% of an average City's GHG Emissions

Learn More: http://bit.ly/2CjRa9Z

Solid Waste

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 Reduction
- Recycling
- Compost
- Waste To Energy

8%

Solid Waste is responsible for 8% of an average City's GHG Emissions

Learn More: http://bit.ly/2Nq16Ff

Water + Wastewater

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:

- Reduce Outdoor Watering
- Use WaterSense Fixtures
- Behavior Change
- Rainwater Harvesting

5%

Water +Wastewater are responsible for 5% of an average City's GHG Emissions

Learn More: http://bit.ly/2Ci7FTN

The Sustainable Economy

- Energy Efficiency Jobs
- Clean Energy Jobs
- Transit Jobs
- Job Training + Skills
- Consumer Savings

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

Transformative change is needed now in how we build our cities, produce and use energy, transport people and goods, and manage our 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: http://bit.ly/2NKKB5y

Climate Economy

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