Sustainability Solutions itchburg

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 Efficient Energy Efficient Buildings Appliances** Energy Buildings + Energy sectors are responsible for 58% of an Learn More: average Community's GHG Emissions 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:





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

Wastewater later+

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:



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.

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:

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

Learn More: http://bit.ly/2NKKB5y

Cimate Economy

References:

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