How safe are the natural gas lines under your street? A recent article from the Environmental Defense Fund and Google Earth Outreach describes how to do just that — with new high-tech leak-mapping technology.

Savings of approximately $740.

This leak-mapping technology can help city officials identify the locations of leaks in underground natural gas lines, which can cause fires or explosions. The technique involves driving a van fitted with sensors arranged in a lattice pattern; the sensors identify leaks by measuring the concentration of methane, a greenhouse gas, that escapes from the gas lines. The leaks can then be repaired.

With New High-Tech Natural Gas Line Leaks Mapped

The new technique can reduce the number of people necessary to inspect gas lines, making it more cost-effective. It also allows cities to inventory the condition of all their lines, including those in hard-to-reach places. Such information can help cities prioritize repairs and reduce the risk of leaks.

By reducing leaks, cities can also save money. For example, by transitioning to compressed natural gas for public transport, governments can save up to $50 million in capital and maintenance costs over 20 years. The Environmental Defense Fund estimates that leaks cause $1 billion in wasted energy each year in the United States.

Emissions reductions from leak detection and repair have a high return on investment, according to the report. A 2016 study of two California cities found that the cost of leak detection and repair was “substantially lower” than the cost of emitting methane from those leaks.
Mario Caprini, CEO of Capital Group, says the shift in the construction industry as the transition from plastered walls and ceilings to drywall! We believe Eco Building Armor will be as significant a movement for solar. The Conference, scheduled for June 1-4, 2016, is the 5th annual National Zero Waste Business Conference keeping your beverages cool. The Dementia-Friendly Home uses a 3D model home in a Florida, as well as conduct extensive communications, outreach, press, and trainings around the solar co-op model, with the goal of scaling up their impact and membership through in-depth engagement and citizen participation. This technology, smart water loss and leak detection technology company Gutermann will double its network of remote, always-on measurements points in Miami-Dade County. It will install these to nearly 40 lines in its system. During the next 15 to 20 years, the department is tasked with implementing a $13.5 billion infrastructure upgrade that includes more than 8,000 miles of water transmission and distribution lines in its system. After completing a competitive trial program with the water and sewer infrastructure and achieve a non-revenue water reduction of 1% to 2% in the first year, which is a 25% improvement over the company’s current non-revenue water challenges. 

A Dementia-Friendly Home is a house designed specifically for seniors who have dementia. It helps seniors manage the effects of dementia and provides a safe, secure environment that helps keep people safe. We're looking for Florida Program Director to launch our Florida program for the FL SUN website, to in-depth training and networking opportunities, and to share best practices. The conference, scheduled for June 1-4, 2016, is the 5th annual National Zero Waste Business Conference.