

Monetizing Verified Emission Reduction Credits From Landfill Gas Collection Projects

Why Landfills?

Landfill gas collection projects are highly effective in reducing methane, a potent greenhouse gas, and reductions can be quantified and sold as VER credits.

Who Buys VER Credits?

Buyers of Blue Source's portfolio VER credits include CO2 emitting facilities, financial and commodities trading companies, and environmentally responsible or sustainable corporations.

What if my Landfill Does Not Have a Collection System, But May Be a Candidate for One.

Blue Source's \$1 billion investment fund allows Blue Source to identify, assess, invest in, and develop collection systems on landfills that have the potential to create a significant number of VER credits.

Interested in Learning More

For more information on developing your landfill gas collection project or monetizing VER credits from an existing collection system, contact:

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Reduce odor from your landfill and generate a new revenue stream by creating verified emission reduction (VER) credits. With businesses becoming increasingly concerned about their carbon footprints and in anticipation of federal cap and trade legislation, demand for VER credits is higher than ever.



The Carbon Market

The global market for voluntary VER credits (carbon offsets) more than doubled from 2007 to 2008, reaching US\$705 million, and is expected to further increase in 2009. To keep up with increasing demand for VER credits, high quality emission reduction projects, such as landfill gas collection projects, are vital in the creation of new VER credits and regarded as a premier credit.

Blue Source's Expertise

As one of the largest sellers of VER credits in North America, Blue Source has placed more than 40 million tonnes of VER credits on public carbon registries such as the American Carbon Registry and Climate Action Reserve. The size and diversity of Blue Source's emission reduction projects creates unique portfolio opportunities for both sellers and buyers of Blue Source's VER credits. Blue Source's portfolio includes VER credits from 11 different project types in 48 states through 2019.

Project types include:

- Landfill Gas Methane Collection
- Coal Mine Methane Capture
- Carbon Capture and Storage
- Wastewater Treatment
- Fugitive Emission Capture
- Waste Heat Recovery
- Transportation
- Industrial Gas (CFC) Destruction
- Biomass Waste to Energy

Strategic Partnerships

Through its partnership with Och-Ziff Capital Management Group LLC, Blue Source has a \$1 billion capital investment pool to invest in and develop emission reduction projects and VER credits. In addition, Blue Source has strategic partnerships with First Reserve Corporation and The Goldman Sachs Group, Inc. Blue Source markets its portfolio of VER credits through Goldman Sachs' sales and trading group to their large and diverse client base. With this wide range of available resources, Blue Source is in a unique position as an emission reduction project developer.



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Investment Services

With its \$1 billion capital investment pool, Blue Source has the capacity to develop landfill gas collection and flaring systems on qualified landfills at no up-front cost to the landfill owner, mitigating investment risk for the landfill owner and relieving the landfill owner of the need for a large amount of capital up-front. Blue Source recovers its investment through the sale of the project's VER credits and, when feasible, developing a beneficial use project. In addition to the environmental benefits of the collection system, the landfill owner receives a percentage of proceeds of the sales. For landfills with qualifying existing systems, Blue Source is able to front VER credit creation costs with a similar compensation scheme.

VER Credit Creation Services

For ten years, Blue Source has been creating and commercializing high quality VER credits from emission reduction projects. Providing services along the entire project cycle, Blue Source works with you on:

Project Screening: Blue Source collects site operation data and assesses the eligibility of the project against several widely accepted standards and methodologies.

Protocol Development: Blue Source prepares all of the required project documentation according to the standard and methodology selected.

Validation and Verification: All projects must be verified by an independent third-party. Blue Source has relationships with several verifiers and selects, contracts, and manages the verification of the project.

Project Registration: All of Blue Source's projects are registered with a reputable North American registry to ensure that emission reductions are not double-counted and there is no foul play.

Ongoing Verification: After a project has operated for a certain period of time, the project is verified again to ensure that the emission reductions actually occurred (annually).

Marketing Services

Blue Source, together with Goldman Sachs, aims to market VER credits to buyers and secure the highest price possible. Blue Source covers marketing costs up-front and receives compensation of such costs through the sale of the project's VER credits. As a result, Blue Source's and the landfill owner's interests are aligned to create the highest value VER credits and sell them at the highest price. Goldman Sachs' strategic relationships and global leadership in commodities trading, combined with Blue Source's carbon market expertise and foremost North American climate change portfolio, offer unparalleled reach, positioning, and the ability to creatively and effectively structure transactions.



Landfill Gas Utilization

Blue Source works with landfill owners, leading engineers and energy developers to determine if collected landfill gas can be beneficially used, either by direct on-site use, energy generation, or selling it into a natural gas pipeline. These types of landfill gas utilization projects replace the burning of additional fossil fuel and reduce on-site energy costs or generate an additional revenue stream for the landfill owner. Further, Blue Source's expertise and partnerships allow for the development of smaller landfills traditionally not feasible as utilization projects.



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Learn More

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