



comstock METALS

An Innovator in Electrification Recycling

Dr. Fortunato Villamagna is a recognized leader in efficient waste and electrification product recycling, circularity, and renewable energy. His innovative work at Comstock Metals Corporation is redefining the electrification recycling landscape in the U.S., setting a new efficiency and closed-loop standard for end-of-life solar panels and beyond.

Suggested Insight Topics

- Challenges & Opportunities of Solar Recycling for Efficient, Closed Loops Supply Chains
- How to Differentiate Recyclers
- What Circularity Really Means
- The Solar Waste Problem, i.e., Landfills, Liability, Transparency, and Capacity vs Magnitude of the Problem

Expertise

- Circular Economy and Zero-Landfill Solar Waste Recycling
- Metal Recovery
- Global Management of International Operations and Collaborations
- Spectroscopy/Physical Chemistry
- Analytical Chemistry
- Plasma Processes
- Radio Frequency and Microwave Equipment for Sterilization
- Joint Ventures Technology Development

Highlights

- President of **Comstock Metals Corporation**, at the forefront of circular, efficient, large-scale end-of-life electrification product recycling solutions in the U.S.
- Today commercializing the **most efficient, closed-loop solar panel recycling and material recovery** for the U.S with facilities in Nevada, serving the Western U.S. and Hawaii.
- A PhD in Physical & Computational Chemistry and an MBA in Global Management, his career spans 40 years across industries, including renewable energy, hazardous materials, and waste-to-energy. **Former CEO of Paragon Southwest Medical Waste and Paragon Waste Solutions, President of RF Biocidics, and BMS Inc.**
- Dr. Villamagna's work has led to over **thirty-five patents** and several peer-reviewed publications, and he has successfully commercialized numerous technologies, particularly in emission control and waste destruction.



Senator Catherine Cortez Masto at the 2024 commissioning of Comstock Metals' commercial demonstration facility.

(Photo: Senator Masto, Twitter).