



**The National Science Foundation
awards Two Planet Steel
a Phase I SBIR grant for \$275,000**

July 25th, 2023 - Today, The National Science Foundation (NSF) gave notice of the award of a Phase I SBIR grant to Two Planet Steel. NSF SBIR grants are awarded to promote US technological research and innovation and fund start-up companies with the potential to invigorate the country's communities and economy. The amount of the award is \$275,000. This money will fund a Two Planet Steel project titled "Clean Iron and Nickel Powder Production for Steel Construction on the Meridiani Planum of Mars and Cathode Manufacture for Lithium-Ion Batteries on Earth."

Responding to the NSF's award notice, Two Planet Steel's Founder, Dr. Olsen, said: "This boost from the federal government will transform this company. FIC, the technology at the core of this research project, has vast potential. It should radically lower the costs of various ferrous powders. Doing so will alter what is possible with manufacturing here on Earth and on Mars. Martian manufacturing emerging from local resources and iron powder-making should start making electricity power generation equipment and then expand to build the first permanent science station on Mars."

About Two Planet Steel

Two Planet Steel is a leading materials technology company with environmentally friendly technology to efficiently separate iron, nickel, rare earth elements, platinum group metals, and many other critical energy metals from mixed feedstocks with high iron content. Two Planet Steel's unique technology is called FIC. Two Planet Steel focuses on FIC R&D, FIC reactor optimization, FIC reactor manufacture, optimization of that manufacture, FIC residue separation, the powder metallurgy of FIC-enabled powders, as well as licensing its technology. Two Planet Steel is committed to supplying the advanced metal materials the clean energy transition needs. For more information, visit: <https://twoplanetsteel.com>.