



## Two Planet Steel submits a full, invited proposal to the NSF's SBIR program with support from ElementUS

*June 30<sup>th</sup>, 2022* - Today, Two Planet Steel submitted a full, invited proposal (#2233554) to the SBIR (Small Business Innovation Research) program of the National Science Foundation (NSF). This submission followed success with a short 'pitch' proposal to gain an invitation and seven months of proposal preparation.

Two Planet Steel's Founder, Dr. Olsen, said of this NSF submission: "The technology at the core of this proposal, FIC, will be transformative. Here on Earth, FIC will cleanly produce the advanced metal materials needed to implement the new clean energy future. It should make an even bigger impact on Mars. FIC should enable the construction of the first inhabited science station on the Red Planet as well as the electricity and other infrastructure needed to support this first Martian science station. Thanks to the people and companies that helped pull the full, invited proposal together. They include Chris Young and Dave Blake of ElementUS (a new, clean transformer of bauxite waste), who wrote an on-record letter of support for Two Planet Steel. Thanks also to core project team members Dr. Dmitri Terekhov and Tom Stuecken, lawyer Michael Gzybowski, superlative landlord Mi-HQ, and other support companies such as Vac-Met and Element Materials Tech."

### **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>.