



Two Planet Steel focuses on making zero-emissions steel

May 1st, 2024

Two Planet Steel is excited to announce it has gained focus in its activities. While the company could use its technology for various activities, including mineral concentration and industrial waste clean-up, Two Planet Steel is putting aside those activities to concentrate on zero-emissions steel-making. We still have a twist, our new methods will be optimal for making steel on Mars. However, our actions on Earth are the most immediate and pressing challenge; we will advocate for and produce zero-emissions steel for our home planet.

Steel is a necessity in today's world. The global demand for steel has steadily increased, growing 122% from 2000 to 2023, and is expected to continue. However, the steel industry is also responsible for approximately 8% of global carbon dioxide (CO₂) emissions. On average, for every ton of steel produced, nearly two tons of CO₂ are emitted. This is a problem for the Earth's atmosphere; this is a problem for everyone.

Two Planet Steel is working to make needed changes happen. The company's technology is completely clean and can be an important option for zero-emissions steel-making. The decision to make this a key focus aligns with Two Planet Steel's core values of sustainability, innovation, and the pursuit of a brighter future for both Earth and Mars. By prioritizing zero-emissions steel, the company is seeking to address a critical need in the fight against climate change.

About Two Planet Steel

Two Planet Steel is a start-up making zero-emissions steel - an environmentally friendly, climate-improving material. 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, and the powder metallurgy of FIC-enabled powders. For more information, visit: <https://twoplanetsteel.com>.