DESCRIPTION OF THE PROPOSED IDEA

This project is an idea that has occurred to me for many years. I tried it at the Pontifical Catholic University of Peru (PUCP) in 1994 when I was trying for a master's degree in Theoretical Physics. The idea is the following: application of the Seebeck Effect, which indicates that when you have a bimetallic coil whose joints are subjected to different temperatures (one hot and one cold), then an electric current flows through the coil. By making a cut in the coil, a voltmeter can be connected and it can sense a few millivolts. If the coil is made up of half iron and the other half aluminum, the voltage obtained is in the order of microvolts for each degree of temperature difference. By having several coils in series, a greater potential difference could be achieved. This idea could be applied on the planet Mars, taking advantage of the Martian ice to cool the cold joints and solar radiation to heat the hot joints by means of a sheet subjected to solar radiation. The idea may seem crazy, but it might actually work. My idea is just a simple proposa