People always put their energy into walking or running on a treadmill but it never gives any energy back to them. What if that could change. LightStep is a manual treadmill that uses a kinetic floor to harness the jewels you produce from moving and stores it to a battery. With this special floor, each step you take can create anywhere from 2 to 20 jewels of energy to be captured. The average person walks 2,000 steps in a mile and can generate up to 40,000 jewels of energy from one walk. While the kinetic floor technology will cost a bit more, manual treadmills on average are cheaper, easier to store and transport and will save more energy than traditional treadmills while still achieving the same function as electric ones. Treadmills that not only benefit the health of a person, but also their financials would also promote a more active lifestyle to everyone.

LightStep’s Mission: create a new sustainable energy source to help combat the effects of global warming, as well as promote a healthy lifestyle by adding extrinsic motivation to exercise. A future more oriented on renewable energy sources is on the horizon and LightStep will help us take a step in the right direction.
With the ability to store this energy, people could use the battery packs to power things in their homes and save money on electricity bills. Looking at a larger scale operation, let’s say these treadmills were instituted in every public gym, with daily usage, the power harnessed from them could help to power many different things. With a great amount of new energy rolling in from public treadmills, cities could potentially use the energy to power street lights, charge electric cars, or be stored to power emergency generators.

It is also possible that LightStep could provide part time jobs in the future too. People could be paid for services of running on a treadmill for a certain amount of time. Of course, this kind of operation would require rules and regulations to avoid overexertion and unhealthy training behaviors to arise in individuals who participate. Or perhaps a discount on gym memberships if you contribute to the energy gathering to a certain degree.