

Entry 19 - Part One – Junior



What is the problem you are addressing?

I want to solve the problem of too much non-green energy being used on dairy farms and in sheep shearing sheds. I want to make these places use less energy and be better for the environment. In New South Wales, running the milking machines and hot water on dairy farms can cost up to \$80,000 every year. This is a lot of money and uses too much energy.

What is your idea?

My idea is to turn the movement of animals and people into electricity. I want to put special energy transformation tiles on the ground in places where animals eat and walk around on farms. These tiles can make energy from this movement.

How does it work?

The tiles work by changing movement into electricity. When cows, sheep, or people step on these special mats, they push down. This pushing makes a small machine inside spin around, which creates energy. We can save this energy in batteries and use it later to run things like sheep shears, milking machines, and big fridges for the milk. This way, we use the normal movements on the farm to make power, which helps save money and is better for the planet.