

FUN ENERGY

HOW MUCH CAN WE GET FROM YOU

A single step produces enough energy to power two 60W light bulbs for 1 second.

For how long could you keep this light on just by having fun?

This is the question to which this project seeks an answer. In this case, technology is applied in a very simple way.

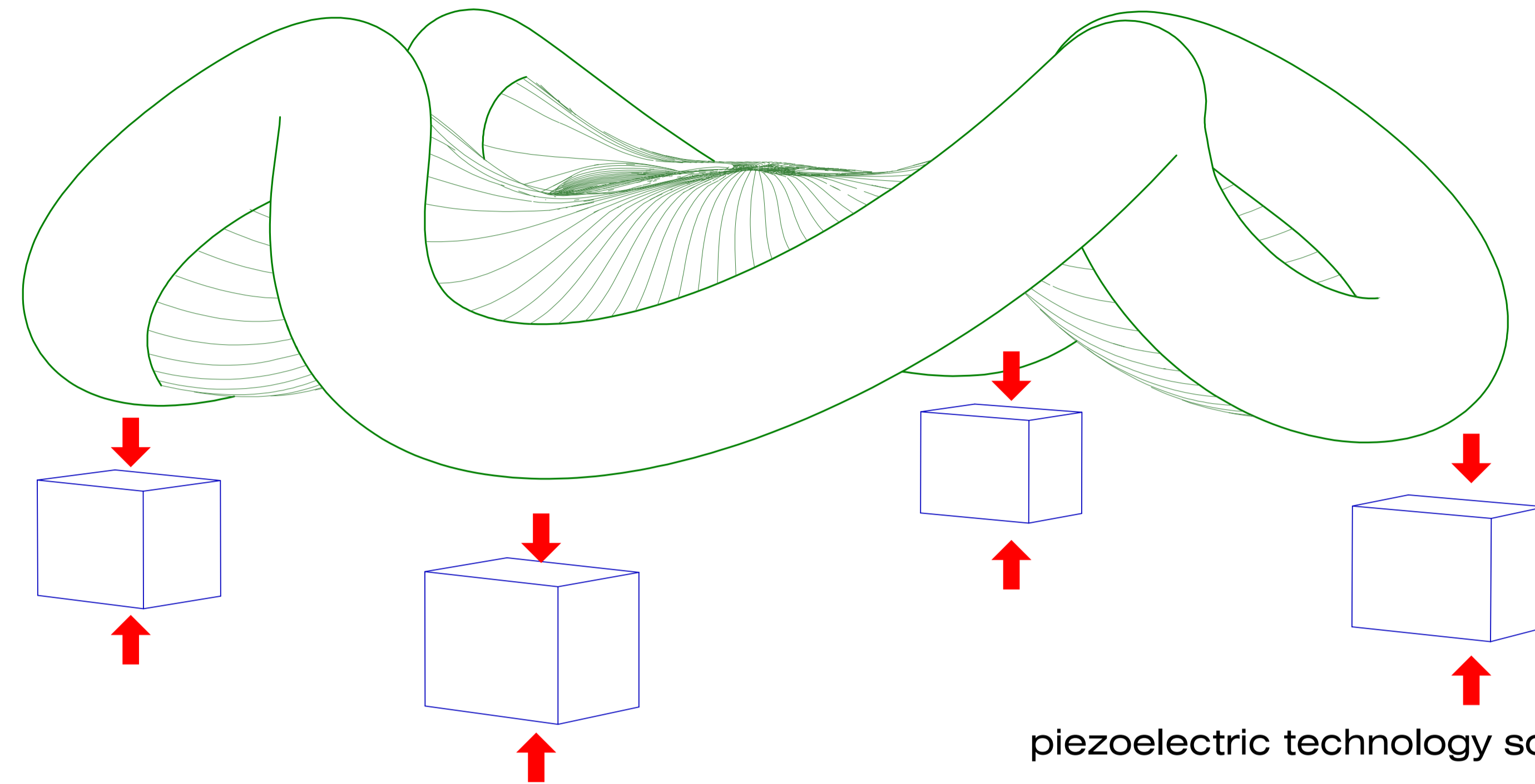
Each playground has only four points of support allowing all the charge applied in its surface to be concentrated and directed to these four spots.

In each support a crystal or ceramic cylinder is placed, that will release energy when subjected to mechanical pressure.

At this moment the technology to recover energy produced through mechanical pressure is still poorly used and therefore it still remains difficult to calculate its efficacy accurately.

Amounts of energy produced by these elements can be very variable. However, it seems possible to produce sufficient energy so that each structure is illuminated for a few hours overnight.

50 m



5 m

piezoelectric technology scheme

