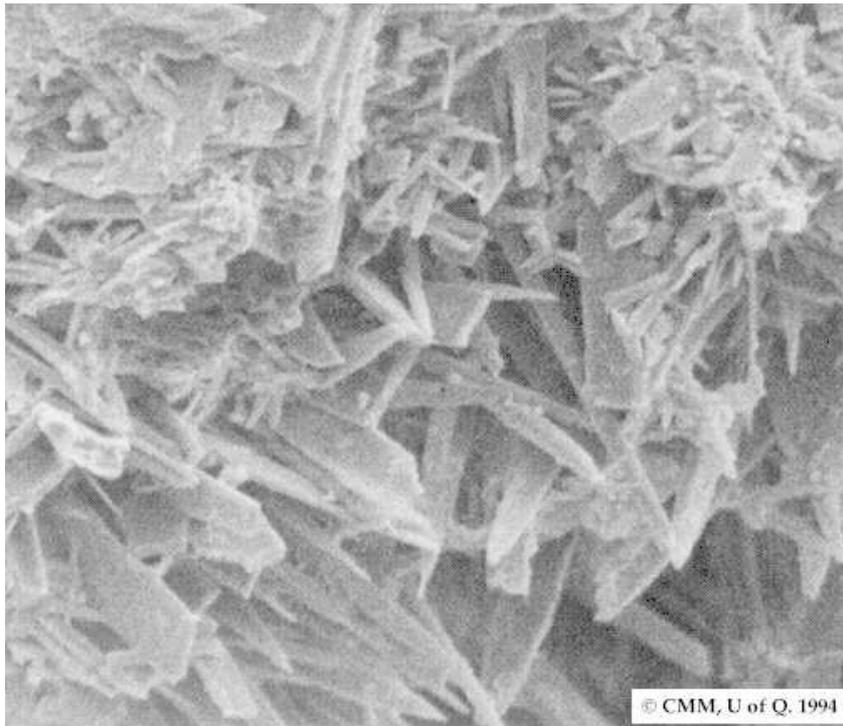


Crystal Power Converter

The Crystal Power Converter converts the space energy that surrounds us into usable electric energy. To prove its function this device uses a light-emitting diode (LED) as a consumer of the resulting electric energy.

This construction manual demonstrates that it is possible to create a long-lasting energy source using only materials and parts that are cheaply available in any hardware store. This manual is also meant as starting point for further research and optimization and is therefore kept in a simple form.



*Two Phases in Cement
Magnification x2000*

The main principle of this converter is the fact that hydraulic cement creates micro crystals while curing.

The piezoelectric properties of these crystals cause the oscillations of the space-quantum medium (more precisely dark matter) to be converted into an electrical current.

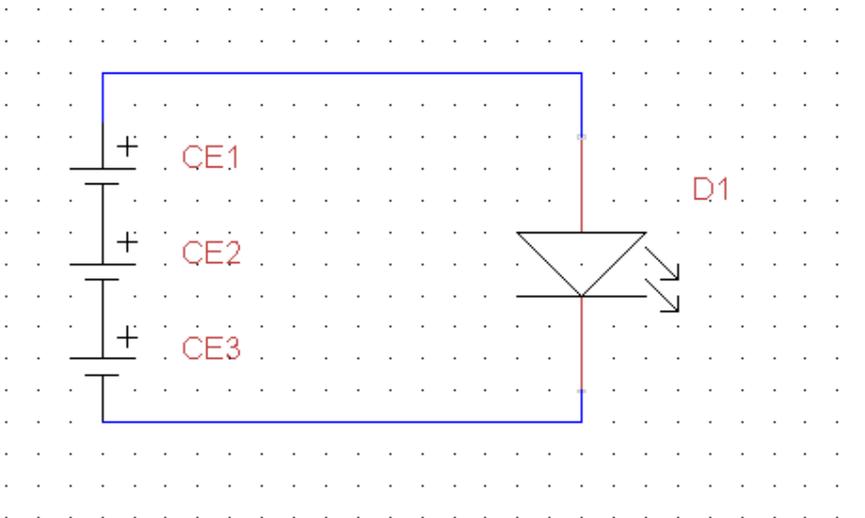


The converter in this picture has lit the attached LED since 03/08/2012.

Similar converters are operational nonstop since the beginning of 2012.



This type of converter consists of 3 crystal elements in series connection that produce enough energy for a LED.

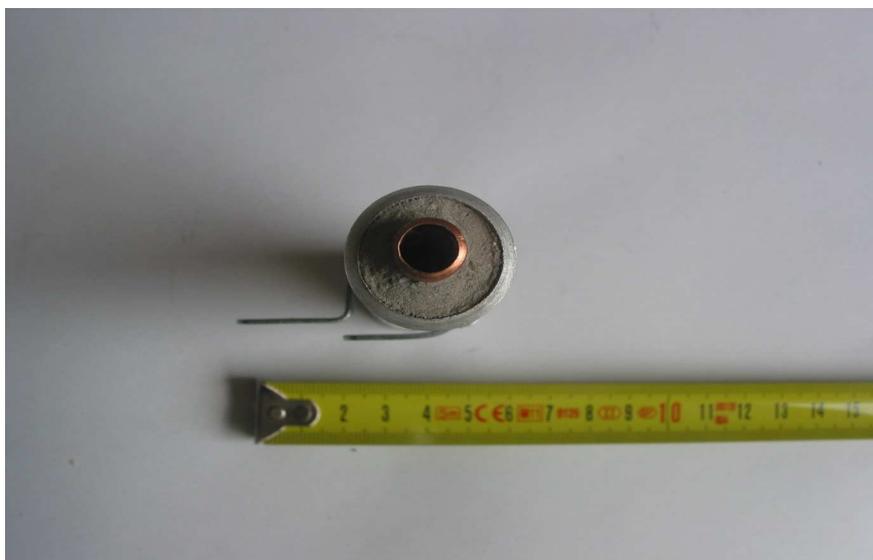


A series resistor for the LED (D1) is not required due to the high internal resistance of the crystal elements (CE1 ... CE3).



Each crystal element consists of an outer aluminum and an inner copper tube which serve as electrodes.

The contact to the aluminum pipe is realized using a pipe clamp which is bended according the picture above



Between the two deburred pipes a layer of portland cement is placed. This has been done by mixing the cement with water, filling the cement into the gap between the two pipes and then leaving it to cure. After roughly three days of hardening the crystal cell is operational. The portland cement used in this experiment

has not been enriched with any additives to create the micro crystalline structure

List of materials used:

Pipe, aluminum:	3x	length 100 mm	bore 23 mm	gauge 2 mm
Pipe, copper:	3x	length 100 mm	bore 10 mm	gauge 1 mm
LED:	1x	size 10 mm	3.6 V, 30 mA	white, super bright
pipe clamp:	3x	bended to fit 23 mm bore		
plastic case:	1x	124 x 70 x 52 mm		

Note:

This Crystal Power Converter has been built using only cheap materials available in most households. A batch of these converters have been built according to this construction manual – each of them instantly lighting up the LED.

The details of the construction are still up for optimization. Suggested optimizations are:

--material of the electrodes

(a dependency on the chemical standard electrode potential can be observed)

--size and shape of the electrodes

--materials used as crystalline medium between the electrodes

Hints and suggestions are welcome.

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