



Hello, friend.

My name is PinGui.

I am made of trash plastic and thin copper wire.

There are 25 pairs of wires inside me,
lighting up the 28 parts I am made of.

I can be assembled, chubby and tall
or disassembled to fit in a small flat box,
lossless compression for travel.

The **UtoPlast** I am made of was originally created in 2011, for a major grant-winning installation, reOnion at Burning Man that year. The 200 sqms of upcycled plastic sheets were made of pet bottle packagings collected from supermarkets in Budapest. The material then was cut, assembled, and sewn into 72 big pieces that made up the cover of ReOnion. After the festival, the material was shipped back to Hungary, and made into ten portable shelters for the homeless between 2013 and 2017, a garden house cover in Leipzig and me. I am the last remaining bit of the 200 sqms of UtoPlast that made up Reonion, still with **my maker**. I have travelled the world, have been to Burning Man, I was assembled in Calafou, Catalunya and now I am at Congress!
Plastic is so resilient!



It is not only my upcycled plastic that is reused: my **velcro** is a leftover of the portable shelters. My paper template was purchased from **Kablakout** for 10 euros, then modified and enlarged with a projector.

My **25 LED strips** have been made in China and delivered for a total of 4.5 euros, and they can all be addressed individually. The **3V power supply** costed 13.5 euros, and the **cables and pin heads** came from LAG, Amsterdam's best hacklab.



I would like you to know that **flesh and blood penguins are not as resilient as I am**: populations are expected to decline rapidly in years to come. It's feared that rising temperatures due to global warming will reduce their breeding ground, and overfishing will mean less food for them to eat. In the **future**, I may be the only type of penguin you may encounter. Imagine that the only way to experience animals is by recreating them from documentation and trash, and the only way to have them **respond** to you is to have a microcontroller inside them.

If you want to talk **Solarpunk** to my maker, program my pins, support another project, or make a donation to LAG, **write** her.