

Press kit ///



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## Genesis ///

energysquare is a startup that was born out of the will of three young entrepreneurs, **Daniel Lollo**, **Matthieu Poidatz** et **Timothée Le Quesne**, to change the way we have access to **energy in our everyday lives**.

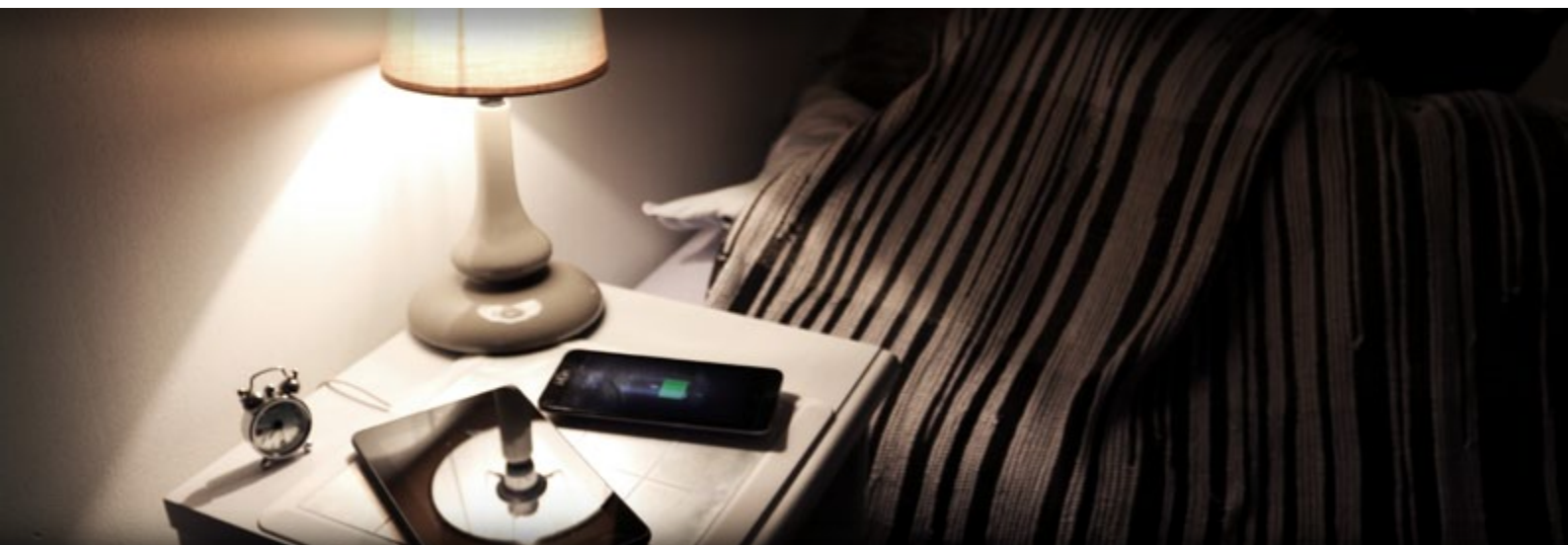
Who has never **ran out of batteries** just before meeting friends, while being late for an important appointment or just simply when coming back home? energysquare wants to tackle those issues.

The idea is simple: **make the most of the time** our electronic devices spend on tables, desks and other surfaces **to charge it**.

The **patented wireless charging** technology developed by energysquare for the past two years makes it possible.

energysquare is a new generation of **wireless chargers** that makes it possible to charge several electronic devices at the same time and at the **same speed** as a traditional charger, just by installing a **small sticker** on it and by putting it on **ultra-thin surfaces**.

The charge is made through the **direct contact** between the sticker and the surface (*conduction*), which means **no induction** and **no electromagnetic waves**.



## Technology ///

The patented energysquare technology includes two elements:

- A charging **surface**, connected to the mains and made of conductive squares inlaid into an insulated material.
- A thin and adhesive **sticker** that is installed on the back of your phone. This sticker carries two conductive electrodes and a connector that can be plugged on the charging socket of the device you wish to charge.

When the device equipped with the sticker is put on the surface, charge will begin automatically by **physical contact**.

We have designed the surface and the sticker in order

to ensure that there will **always** be a contact between the **two electrodes** and **two conductive squares** (a *negative pole and a positive pole*). Embedded electronics then deals with devices detection and power distribution.

Our first product, that is currently being industrialized, is a **wireless charging surface** compatible with **all smartphones and tablets**. You can use it either at **home** (*bedside table, desk, coffee table, etc.*) or at work (*meeting room, offices, open spaces*).

It will be available on **KICKSTARTER** from May 25<sup>th</sup> 2016.



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## Technical specifications ///

This technology offers an alternative to other wireless chargers using induction that you can already find on the market. It has many advantages in terms of use:

- Unlike existing wireless chargers, the charge is made thanks to a **physical contact**, meaning **no energy loss** and that you can charge your devices at the **same speed and efficiency** than a classic charger.
- **energysquare** technology enable charging on an **entire surface** and not only on one precise point like

other chargers, making the user even **forget** that he is actually charging his device.

- As long as there is any space left to add another device, you can do so, as if **energysquare** was a two-dimensional powerstrip.
- Finally, **energysquare** is compatible with all existing smartphones and tablets on the market, thanks of special stickers for each devices (*one sticker for iPhones and one for Android/Windows phones*)



## Vision ///

Our vision does not end there. We are not just creating a shiny object that makes charging your phones and tablets easier. Our medium term objective is to **reinvent** the way we have access to energy by renewing the concept of electric plug which is **more than a hundred years old**.

Our **goal** is to make it possible that everyone can charge their electronic devices regardless of their types (*smartphones, laptops, lamps, connected speakers, etc.*) just by putting them on surfaces surrounding us. Before that, we have to go through two integration stages:

- On the one hand, **directly integrate** our technology **in furnitures**, which will make it possible to cover greater and custom-made surfaces,

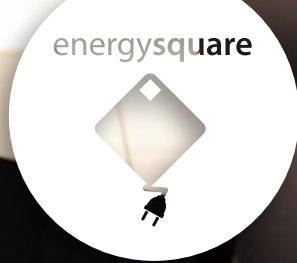
- On the other hand being capable of delivering **more electrical power** and **directly integrate our stickers inside electronic devices you need to charge**.

This will make it possible to build meeting rooms of the future, where you can just put your computer on the central table and charge it without needing any wires.

To this effect, we have created an **open source standard** that makes it possible to every manufacturer of electronic devices to design their products so that they will be easily and freely compatible with **energysquare**.

In the medium term, **energysquare** means the **end** of electric wires.





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## Team ///

The entire energysquare project relies on a **balance** between **engineers** and **designers**. Our team was created during the **2014 artscience prize**, where designers and engineers students work together on innovative projects during 6 months. This is where Matthieu, who was studying at **Strate-Ecole de Design** by then, met Daniel and Timothée, two students coming from **Telecom Paristech**. The three of them began

to imagine an intuitive wireless charging solution, designing and creating the first functional prototypes with the help of their school teacher-researchers. In May 2015, right after graduation, they decided that it was time to board on this entrepreneurial adventure. In October 2015 they entered the business integrator called **Paris Entrepreneur** and then got selected for the eighth season of **Numa Sprint** in February 2016.



Press kit available on [presskit.energysquare.co](http://presskit.energysquare.co) ///