

# How Coolfinity contributes to the SDGs

Awesome cooling for a better world



The Sustainable Development Goals are a call for action by the United Nations to promote prosperity while protecting the planet. Coolfinity contributes to many of the SDGs, among others to SDG2: ending hunger, SDG 3: ensuring healthy lives and SDG7: ensuring affordable and clean energy.

## What Coolfinity does:



**SDG 2: Ending hunger.** Up to 1/3 of all food produced globally is lost or goes to waste (FAO, 2019), one of the reasons for this is bad cooling due to power outages. For example, in Kenya 95 million liters of milk is spoiled (22 million USD per year), due to bad cooling (University of Nottingham, 2015). Coolfinity has developed a fridge that only needs 6 hours of electricity to keep cool for over 24 hours. This means that food can be kept cold in a more reliable cooler, and thus less food will be spoiled and wasted. At this moment, Coolfinity has running dozens of fridges in several countries in the world.



**SDG 3: Ensuring healthy lives.** 135 million vaccines are lost every year due to bad cooling, equal to 1 billion Euro each year. Vaccines need to be kept cool. However, many health clinics in developing countries are in areas with frequent power outages, which means that the fridges do not keep the vaccines cold. Coolfinity developed a fridge where vaccines can stay cool during a power outage. Without power the products in a Coolfinity fridge stay cool for over 48 hours, at an ambient temperature of 35 degrees Celsius. This year Coolfinity will do a pilot with a pharmaceutical company, and will soon save peoples lives by keeping vaccines cool.



**SDG 7: Ensure affordable and clean energy.** The cooling industry is a major player in electricity consumption, refrigeration and air condition are responsible for over 17% of the worldwide electricity consumption (University of Birmingham, 2018). Our electricity consumption should go down, and therefore Coolfinity has developed an efficient fridge. Our fridge is insulated extremely well and has a longer compression cycle, making it more efficient. Besides that, our technology fits perfectly with solar panels, and this year we'll have a fridge ready running on clean solar energy.

In the end Coolfinity brings cooling to places where it really matters, by contributing to ending hunger, ensuring healthy lives and offering affordable and clean energy.

For more information regarding our fridge go to [www.coolfinity.com](http://www.coolfinity.com)