



European
Commission

Horizon Prize

LOW CARBON
HOSPITAL

Can you
crack the challenge?

LOW CARBON HOSPITAL

Provide 100% hospital energy needs using 100% renewable energy sources

COMPETE, INNOVATE & WIN

€ 1 million

Apply by 3 April 2019

#horizonprize

www.ec.europa.eu/horizonprize/lowcarbon

JOIN THE CONTEST!

What is this prize about?

The European Commission has launched the **Horizon prize for a Low Carbon Hospital** to stimulate innovative thinking and find solutions to overcome technological problems linked to the use of 100% renewable energy sources in buildings for heat and power generation.

A cash reward of **€1 million** will be presented to whoever can most effectively meet the following challenge:

Develop an innovative renewable energy solution integrating several European technologies into one energy system in a hospital, while ensuring a 100% secure energy supply.

The use of renewable energy in buildings for heat and power generation still faces technological problems linked to the security and reliability of energy supply and related costs. This is due to the intermittent nature of some renewable energy sources, such as solar or wind. The challenge is even greater in cases where a 100% security of energy supply is essential such as for hospitals.

This Horizon 2020 prize contributes to the Energy Union objective **to make the EU the world number one in renewable energy and to lead the fight against global warming.**

Who can join the contest?

The contest is open to all legal entities (including natural persons) or groups of legal entities, regardless of their place of establishment, that own or operate a hospital, in whose premises the application will be installed.

How can the challenge be met?

The rules of the contest give contestants total freedom to come up with the most promising and effective solution. There are six main award criteria. But as a minimum, the combined heat and power system integrating at least three different European renewable energy technologies and with an innovative energy storage component has to annually generate at least 2 000 000 kilowatt-hour. Also it has to start its first operation after the launch of the contest and operate continuously for at least six months at the closing date for submission of the application.

What is the timeline of the contest?

Contestants need to apply by **3 April 2019**.

The award decision will be taken in 2019.

More information

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