



Horizon Prize


LOW CARBON HOSPITAL

COMPETE, INNOVATE & WIN €1 MILLION

The EU is offering €1 million to any hospital that integrates within its premises a combined heat and power installation to supply all of its energy needs using only renewable sources.



HOSPITALS NEED SECURE AND RELIABLE ENERGY SUPPLIES
SOME RENEWABLE ENERGY SOURCES such as solar and wind ARE INTERMITTENT



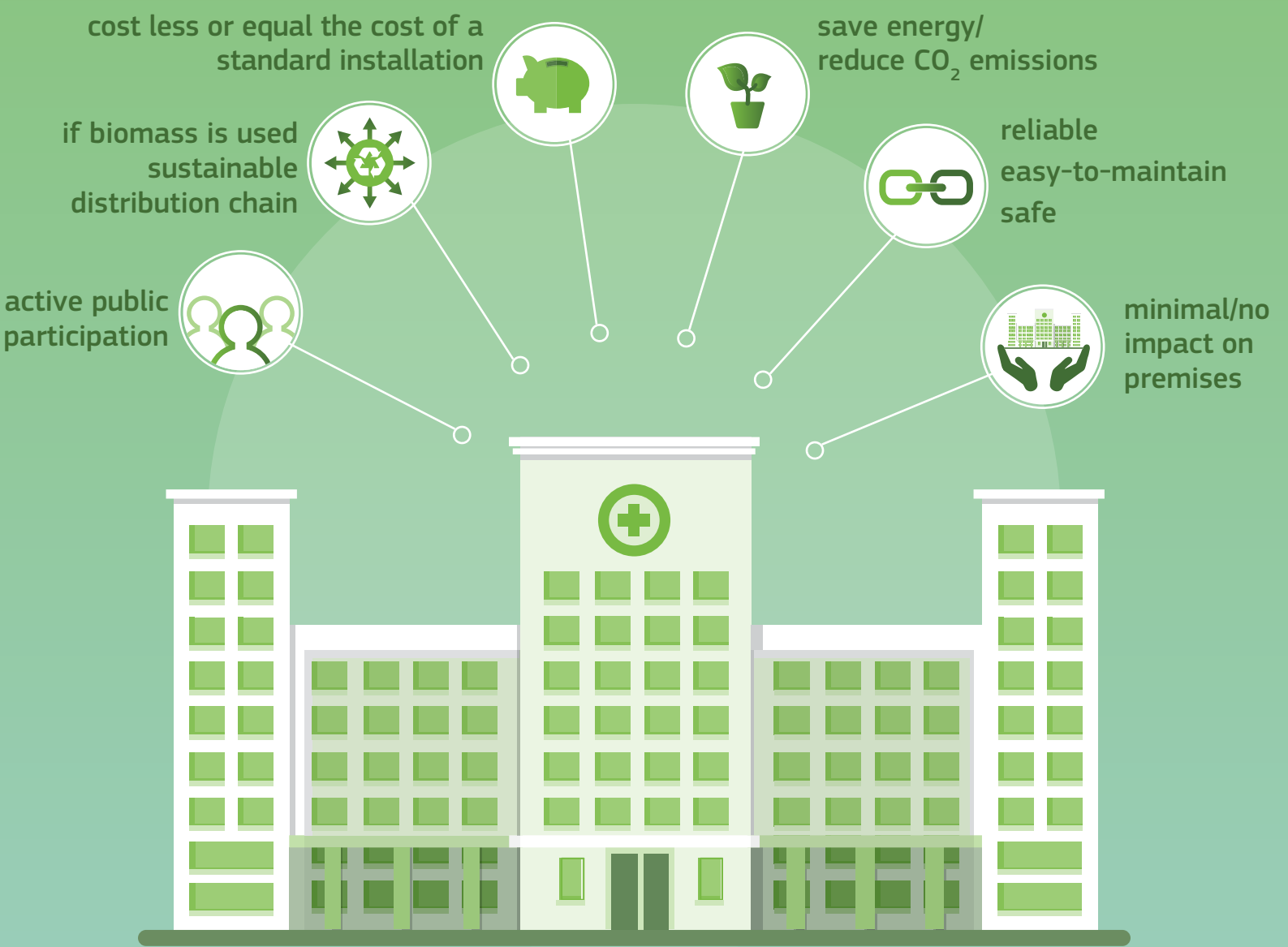
WHY?
The EU aims to lead the world in **DEVELOPING AND USING RENEWABLE ENERGY SOURCES** and in **PREVENTING CLIMATE CHANGE.**



NEED TO SOLVE TECHNOLOGICAL BARRIERS and **SUPPLY 100%** of a hospital's energy needs from **100% RENEWABLE SOURCES**

LOW CARBON HOSPITAL

Meet all of a hospital's energy needs using only renewable energy sources.



THE HORIZON PRIZE LOW CARBON HOSPITAL

The prize aims to:



encourage use of innovative energy sources that combine several technologies in one system, while ensuring secure supplies



attract private and public investment for similar solutions in Europe and worldwide

THE SOLUTIONS MUST:

- use at least 3 different European renewable energy technologies any source is allowed
- include energy storage component(s)
- have been installed and operated on a hospital's premises continuously for at least 6 months
- generate all of a hospital's annual needs
min. 2 000 000 kWh_e/year (kilowatt-hour electricity per year)

CAN YOU CRACK THIS CHALLENGE?

Find out more at www.ec.europa.eu/horizonprize/lowcarbon

#horizonprize