The Energetic Particle Telescope, whose development started 15 years ago, was launched on board of the Belgian satellite PROBA-V in 2013.

The energetic particles from outer space constitute a danger for astronauts and satellites in orbit around the Earth. Measuring their flow is therefore crucial, which this compact and modular spectrometer is capable of doing with accuracy.

The principle of this device, especially the electronics and engineering design aspect, results from the fruitful collaboration of scientists from UCL-IRMP/CSR (Pr Gh. Grégoire, Dr M. Cyamukungu) and the Belgian Institute for Space Aeronomy (Pr J. Lemaire). Later, with the support of the European Space Agency, it led to a consortium also including QinetiQ Space, responsible for the Assembly, Integration and Test (AIT) of the telescope, and for coordinating its integration into the satellite PROBA-V.