



# The PHENICS project

**ProtonW.be**

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Belgium

## A research center...

The PHENICS project – Protons with High ENergy for the Irradiation of electronic Components and Systems – aims to build a research center equipped with a 230 MeV proton beam in the Belgian region of Charleroi by 2027.

It is supported by the ProtonW.be company, which brings together 4 French-speaking Belgian universities, the Université de Liège, the Université de Mons, the Université de Namur and the Université libre de Bruxelles. The Center will also serve to IBA, the world leader in accelerator technology, as a development center and a showcase of its technology expertise.

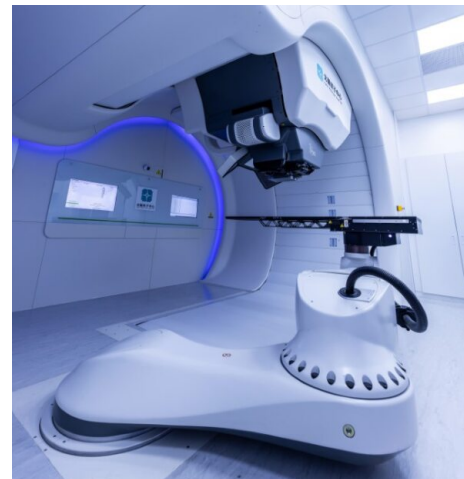
The project is funded by the Walloon Region. The Region aims at creating an ambitious multidisciplinary research program in conjunction to its Poles of Excellence in biomedical sciences and aerospace technology through the 'PROTHER-WAL' innovation partnership.

## ... serving companies

As well as hosting Belgian and international research academic teams, the Centre aims to develop a range of services for companies. Companies testing the radiation resistance of electronic components and systems will find the Center an ideal, easily accessible environment in which to conduct their high-energy proton measurement campaigns and support their teams. Labs, workshops, qualified personnel in electronic irradiation as well as convenient booking and opening hours are some of the center's advantages.



*S2C2, the accelerator at the heart of PHENICS*



*The Compact Gantry precisely controls the beam.*